



No. 37

15 SEPTEMBER 2012



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Web site at <http://msi.nga.mil/NGAPortal/MSI.portal>

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.60, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Web site, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Office	571-557-8384	N/A	571-558-3213
World Wide Navigational Warning Service	571-557-5455	547-5455	571-558-3426
Maritime Safety Web site	571-557-7103	547-7103	N/A
Notice to Mariners: Regions 1 and 2	571-557-8282	547-8282	571-558-3213
Notice to Mariners: Regions 3 thru 9	571-557-8383	547-8383	571-558-3213
Sailing Directions, Fleet Guides	571-557-5943	547-5943	571-558-3261
Navigation Publications	571-557-8080	547-8080	571-558-3261
DLA Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

The Maritime Safety Web site can be accessed directly at <http://msi.nga.mil/NGAPortal/MSI.portal>. For your convenience NGA provides four e-mail addresses. For information affecting Notice to Mariners use MCDNtM@nga.mil, for information affecting Sailing Directions and all other navigational publications use MCDPubs@nga.mil, for information concerning the Maritime Safety Web site, use webmaster_nss@nga.mil and for information concerning the World Wide Navigational Warning Service, use NavSafety@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Mark Stefanik	PAC / D11 Command Center

Cover Photo: The NOAA Ship Fairweather, is a hydrographic survey ship that was originally commissioned in the National Oceanic and Atmospheric Administration (NOAA) fleet in 1968 and is named for Mt. Fairweather in southeast Alaska, which is the highest peak in the Fairweather Range--the tallest coastal range on earth. The ship was deactivated in 1989, but due to a critical backlog of survey requirements for nautical charts in the Alaska region, it was placed back into active service in 2004. The **Fairweather** is designed and outfitted primarily for conducting hydrographic surveys in support of nautical charting, but is capable of many other missions in support of NOAA programs. The ship is equipped with the latest in hydrographic survey technology--multi-beam survey systems; high-speed, high-resolution side-scan sonar; position and orientation systems, hydrographic survey launches, and an on-board data-processing server. Increased mission space and deck machinery enable **Fairweather** to be tasked with anything from buoy operations to fisheries research cruises. The 241 foot vessel is based in Ketchikan, Alaska and is NOAA's only multi-role Arctic survey platform. The bathymetric data collected by the ship is used to update critical chart areas in Alaska and the Arctic. The **Fairweather** is featured on the cover not only due to her invaluable survey collection capabilities and service to our nation, but also to recognize it as the last at-sea command of Rear Admiral Chris Andreasen, NOAA Corps (Ret) who is retiring after 50 years of service to the U.S. and international maritime community. RADM Andreasen has served in various capacities both afloat and ashore at NOAA, as the President of the Directing Committee for the International Hydrographic Organization (IHO), and most recently as the Chief Hydrographer of the National Geospatial-Intelligence Agency (NGA). His dedication, commitment and contributions to global safety of navigation throughout his career are unequalled and we wish him fair winds and following seas in his retirement!

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 37/12

HYDROGRAM

**National Geospatial-Intelligence Agency
Springfield, VA 22150-7500**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

15 September 2012

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: ENTERPRISE PRODUCT ON DEMAND-MARITIME (EPOD-M) CHARTS AND TRADITIONAL NGA PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF LIST OF LIGHTS

PUB. 115, 2012 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR NORWAY, ICELAND AND ARCTIC OCEAN, IS READY FOR ISSUE. SEE SECTIONS II AND III.

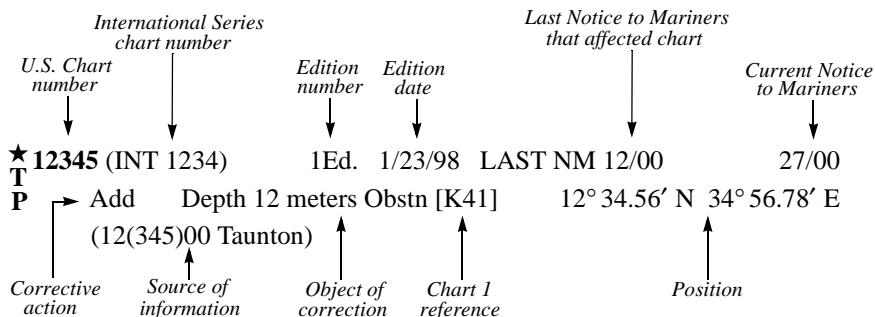
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Coast Pilots, *The American Practical Navigator*, and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

531	24Ed. 7/07 LAST NM 35/12 Relocate Superbuoy ODAS "46001" from 56°18.0' N 148°01.3' W to (33/12 CG17)	37/12 56°18.3' N 147°55.2' W	★11328	26Ed. 8/11 LAST NM 32/12 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/12-11328) (NOS)	37/12
1114A	Ed. 1/06 LAST NM 35/12 Delete BELL from buoy "26" (33/12 CG8)	37/12 29°48.2' N 84°20.4' W	★11332	32Ed. 2/12 LAST NM 35/12 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 17/12-11332) (NOS)	37/12
1116A	Ed. 5/12 LAST NM 35/12 Delete Platform Note: Submerged well (cov 15½fms) close NW remains	37/12 28°50.9' N 92°18.4' W	★11340	76Ed. 5/12 LAST NM 35/12 Delete Platform Note: Submerged well (cov 15½fms) close NW remains	37/12 28°50.9' N 92°18.4' W
	Platform Dangerous wreck (PA)	28°49.8' N 91°56.9' W 28°56.2' N 90°58.0' W		Platform Dangerous wreck (PA)	28°49.8' N 91°56.9' W 28°56.2' N 90°58.0' W
	Add Danger circle "Obstn" (PA) (NOS; 33/12 CG8)	29°02.8' N 92°04.1' W		Add Danger circle "Obstn" (PA) (NOS; 33/12 CG8)	29°02.8' N 92°04.1' W
★11321	30Ed. 7/04 LAST NM 32/12 Delete BELL from buoy "6" (34/12 CG8)	37/12 28°55'26"N 95°16'56"W	11341	43Ed. 4/11 LAST NM 35/12 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 17/12-11341) (NOS)	37/12
★11322	33Ed. 5/12 LAST NM 27/12 (Side B) Delete BELL from buoy "6"	37/12 28°55'26.0"N 95°16'55.6"W	★11342	54Ed. 12/10 LAST NM 34/12 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 26/12-11342) (NOS)	37/12
	Add Tabulation of controlling depths from Subsection I-2 (NOS; 34/12 CG8)		11343	38Ed. 4/07 LAST NM 34/12 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/12-11343) (NOS)	37/12
★11323	64Ed. 4/12 LAST NM 29/12 Delete BELL from buoy "10"	37/12 29°20'51"N 94°42'54"W	★11356	39Ed. 6/12 LAST NM 34/12 Delete Dangerous wreck (PA) Danger circle "Obstn" (PA)	37/12 28°56'01"N 90°58'00"W 28°54'31"N 90°53'16"W
	Add Submarine pipeline [L40.1] between 29°10'54"N 94°22'12"W 29°10'56"N 94°22'45"W			Platform	28°50'21"N 90°52'33"W
	Tabulation of controlling depths from Subsection I-2 (Supersedes 26/12-11323) (NOS; 33/12 CG8)			Platform	28°50'24"N 90°52'41"W
★11324	37Ed. 8/11 LAST NM 34/12 Delete BELL from buoy "10"	37/12 29°20'50.8"N 94°42'54.1"W		Platform	28°51'37"N 90°51'04"W
	Change Legend to "37 FT APR 2012" 29°21'46.5"N 94°54'17.4"W			Platform	28°51'55"N 90°51'17"W
	Legend to "38 FT 2012 Turning Basin" 29°21'42.9"N 94°54'53.8"W			Platform	28°52'18"N 90°50'46"W
	Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/12-11324) (NOS; 33/12 CG8)			Platform	28°52'57"N 90°50'55"W
11326	38Ed. 12/11 LAST NM 35/12 (Page A) Change Legend to "36½ FT MAY 2012" (See 27/12-11326)	37/12 29°36'27"N 95°01'42"W	11357	42Ed. 5/12 LAST NM 35/12 Delete Platform Platform	37/12 28°52'18"N 90°50'47"W 28°52'56"N 90°50'55"W
	(Page C) Delete BELL from buoy "10"	29°20'51"N 94°42'54"W	★11369	48Ed. 6/12 NEW EDITION (NOS)	37/12
	Change Legend to "TX CITY INDUSTRIAL CANAL 37 FT APR 2012" 29°21'56"N 94°54'21"W		★11370	28Ed. 1/12 LAST NM 35/12 (Side A) Change Visibility (range) of light "173A" to 3M 30°06'27.5"N 90°56'47.6"W	37/12
	Legend to "38 FT 2012" 29°21'43"N 94°54'52"W (NOS; 33/12 CG8)			(Side B) Change Visibility (range) of light "173A" to 3M 30°06'27.5"N 90°56'47.2"W (33/12 CG8)	
★11327	35Ed. 8/11 LAST NM 32/12 Change Legend to "36½ FT MAY 2012" (See 27/12-11327)	37/12 29°36'42.0"N 95°01'18.0"W	★11376	55Ed. 3/11 LAST NM 34/12 (Inset) Add Light Fl R 2.5s 12ft (Priv) (34/12 CG8)	37/12 30°43'17.8"N 88°02'23.2"W
	Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/12-11327) (NOS)		11400	36Ed. 1/06 LAST NM 35/12 Delete BELL from buoy "26" (33/12 CG8)	37/12 29°48.2' N 84°20.4' W

SECTION I

★11405	29Ed. 6/03 LAST NM 35/12 Delete BELL from buoy "26" (33/12 CG8)	37/12 29° 47' 59"N 84° 20' 42"W	12225	60Ed. 11/11 LAST NM 33/12 Add Depth 12 feet Obstn [K41] "Rep" (PA) (NOS)	37/12 37° 49.57' N 76° 18.65' W
★11425	38Ed. 7/10 LAST NM 11/12 (Side B) Change Visibility (range) of light "12" to 5M (34/12 CG7)	37/12 27° 20' 12"N 82° 33' 37"W (Side B, Inset 2) Change Visibility (range) of light "12" to 5M (34/12 CG7)	★12235	33Ed. 7/11 LAST NM 33/12 Add Depth 12 feet Obstn [K41] "Rep" (PA) (NOS)	37/12 37° 49' 34"N 76° 18' 39"W
★11426	38Ed. 3/09 LAST NM 17/12 Change Visibility (range) of light "18" to 5M (34/12 CG7)	37/12 26° 28' 30"N 82° 06' 06"W	★12245	67Ed. 8/08 LAST NM 35/12 Delete Dashed line (channel limit) between 36° 58' 49.6"N 76° 19' 32.5"W 36° 58' 15.2"N 76° 20' 18.5"W Dashed line (channel limit) between 36° 58' 17.9"N 76° 20' 14.6"W 36° 57' 28.6"N 76° 20' 18.7"W Dashed line (channel limit) between 36° 57' 57.4"N 76° 20' 16.3"W 36° 57' 57.2"N 76° 20' 20.1"W	37/12 36° 58' 49.6"N 76° 19' 32.5"W 36° 58' 15.2"N 76° 20' 18.5"W Substitute Depth 46 feet for 49 feet 36° 52' 41.2"N 76° 20' 07.7"W Change Legend to "39 FT NOV 2011" 36° 56' 07.3"N 76° 19' 53.9"W Add Depth 47 feet 36° 52' 43.1"N 76° 20' 09.0"W Dashed line (channel limit) [I20] joining 36° 58' 49.6"N 76° 19' 32.5"W 36° 58' 50.2"N 76° 19' 39.5"W 36° 58' 19.3"N 76° 20' 18.2"W 36° 57' 34.7"N 76° 20' 21.9"W 36° 57' 28.6"N 76° 20' 18.7"W (NOS)
11427	35Ed. 9/11 LAST NM 17/12 (Side A) Change Visibility (range) of light "18" to 5M Visibility (range) of light "6" to 5M (34/12 CG7)	37/12 26° 28' 30"N 82° 06' 06"W 26° 29' 53"N 82° 02' 28"W	11451	35Ed. 2/11 LAST NM 36/12 (Page C) Change Visibility (range) of light "9" to 5M (34/12 CG7)	37/12 25° 06' 00"N 80° 24' 45"W
11462	26Ed. 10/11 LAST NM 36/12 Change Visibility (range) of light "9" to 5M (34/12 CG7)	37/12 25° 06' 00"N 80° 24' 45"W	11464	17Ed. 4/06 LAST NM 36/12 Change Visibility (range) of light "9" to 5M (34/12 CG7)	37/12 25° 05' 59.6"N 80° 24' 45.5"W
★11491	38Ed. 6/12 NEW EDITION (Side B) Relocate Light "3" from 30° 16' 43.1"N 81° 40' 13.1"W to 30° 16' 46.8"N 81° 40' 15.5"W (Previously published 30/12) (NOS)	37/12	★12273	58Ed. 1/12 LAST NM 33/12 Change Range light, front to Oc 4s 27ft (Day), Oc 4s 24ft (Night) Range light, rear to F 85ft (Day), F 88ft (Night), Iso 4s 15ft 5M (31/12 CG5)	37/12 39° 06.12' N 76° 24.39' W 39° 07.07' N 76° 24.75' W
★11547	38Ed. 9/11 LAST NM 33/12 Relocate Buoy "2" from 34° 42' 14.1"N 76° 40' 38.2"W to 34° 42' 14.7"N 76° 40' 36.4"W (31/12 CG5)	37/12	★12278	77Ed. 7/11 LAST NM 33/12 Change Range light, front to Oc 4s 27ft (Day), Oc 4s 24ft (Night) Range light, rear to F 85ft (Day), F 88ft (Night), Iso 4s 15ft 5M (31/12 CG5)	37/12 39° 06' 07"N 76° 24' 23"W 39° 07' 04"N 76° 24' 45"W
12222	53Ed. 10/11 LAST NM 36/12 Delete Dashed line (channel limit) between 36° 58' 50"N 76° 19' 33"W 36° 58' 15"N 76° 20' 19"W Dashed line (channel limit) between 36° 58' 18"N 76° 20' 15"W 36° 57' 29"N 76° 20' 19"W Dashed line (channel limit) between 36° 57' 57"N 76° 20' 16"W 36° 57' 57"N 76° 20' 20"W	37/12	12280	10Ed. 12/11 LAST NM 35/12 (Left Panel) Change Range light, front to Oc 4s 27ft (Day), Oc 4s 24ft (Night) Range light, rear to F 85ft (Day), F 88ft (Night), Iso 4s 15ft 5M (31/12 CG5)	37/12 39° 06.1' N 76° 24.4' W 39° 07.1' N 76° 24.8' W
★12282	36Ed. 6/12 LAST NM 33/12 Change Range light, front to Oc 4s 27ft (Day), Oc 4s 24ft (Night) (31/12 CG5)	37/12 39° 06' 07.1"N 76° 24' 23.5"W	★12343	19Ed. 10/05 LAST NM 28/11 (Continuation) Add Danger circle [K1] "Meas equip" (34/12 CG1)	37/12 41° 30' 43"N 74° 00' 11"W
★12363	41Ed. 2/10 LAST NM 34/12 Delete Depth 15 feet Add Depth 7 feet Rk [K14.2] (NOS)	37/12 40° 56' 03"N 73° 18' 14"W 40° 55' 38"N 73° 16' 41"W 40° 56' 06"N 73° 18' 13"W	I-1.2		

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12364	38Ed. 7/08 LAST NM 34/12 (Page G) Substitute Depth 7 feet Rk [K14.2] for depth 15 feet	37/12 40° 56' 06"N 73° 18' 13"W	18421 50Ed. 4/11 LAST NM 33/12 Add Light Fl 2.5s 22ft 7M with sector red 173.5° - 37/12 176.5° 48° 29' 35"N 122° 45' 10"W (See 47/11-18421) (30/12 CG13)
	(Page H) Substitute Depth 7 feet Rk [K14.2] for depth 15 feet 40° 56' 06"N 73° 18' 13"W Depth 7 feet Rk [K14.2] for depth 17 feet 40° 55' 38"N 73° 16' 41"W (NOS)		18423 38Ed. 10/11 LAST NM 33/12 (Page A) Add Light Fl 2.5s 22ft 7M with sector red 173.5° - 37/12 176.5° 48° 29' 35"N 122° 45' 10"W (See 53/11-18423) (30/12 CG13)
13246	39Ed. 10/10 LAST NM 31/12 Delete Buoy "A" Buoy "B" Buoy "C" Buoy "D" Legend "Priv aids"	37/12 41° 56' 02"N 70° 07' 17"W 41° 56' 08"N 70° 07' 14"W 41° 56' 08"N 70° 07' 06"W 41° 56' 02"N 70° 07' 06"W 41° 55' 47"N 70° 06' 57"W (34/12 CG1)	*18429 10Ed. 1/07 LAST NM 33/12 Add Light Fl 2.5s 22ft 7M with sector red 173.5° - 37/12 176.5° 48° 29' 34.8"N 122° 45' 09.7"W (See 47/11-18429) (30/12 CG13)
*13250	9Ed. 12/10 LAST NM 31/12 Delete Buoy "A" Buoy "B" Buoy "C" Buoy "D" Legend "Priv aids"	37/12 41° 56' 01"N 70° 07' 17"W 41° 56' 08"N 70° 07' 14"W 41° 56' 08"N 70° 07' 06"W 41° 56' 01"N 70° 07' 06"W 41° 55' 53"N 70° 07' 13"W (34/12 CG1)	*18447 29Ed. 5/08 LAST NM 28/12 (Side B) Change Legend to "11 FT 2010" 37/12 (NOS)
*14919	28Ed. 10/04 LAST NM 44/11 Add Dashed line (overhead power cable) [D26] between 44° 48' 13.0"N 87° 19' 45.9"W 44° 48' 17.8"N 87° 19' 39.6"W (NOS)	37/12	18465 39Ed. 10/11 LAST NM 23/12 Change Visibility (range) of light to 7M 37/12 48° 29' 35"N 122° 45' 10"W (30/12 CG13)
16013	30Ed. 7/06 LAST NM 35/12 Relocate Superbuoy ODAS "46001" from 56° 18.0' N 148° 01.3' W to	37/12 56° 18.3' N 147° 55.2' W (33/12 CG17)	*18526 60Ed. 6/12 LAST NM 36/12 Change Legend to "REGULATED NAVIGATION AREA 165.1322 (see note A)" 37/12 45° 34' 44.0"N 122° 45' 30.0"W (NOS)
18005	5Ed. 9/22/07 LAST NM N17/12 Delete Submarine cable between	N37/12 37° 29.9' N 122° 30.0' W 37° 27.8' N 122° 56.3' W (NOS)	*18527 23Ed. 6/12 NEW EDITION 37/12 (NOS)
18007	33Ed. 2/09 LAST NM 34/12 Delete Submarine cable between	37/12 37° 30.0' N 122° 31.5' W 37° 29.0' N 122° 56.3' W (NOS)	*18531 23Ed. 6/12 NEW EDITION 37/12 (NOS)
18008	8Ed. 7/28/07 LAST NM N34/12 Delete Submarine cable between	N37/12 37° 30.1' N 122° 30.0' W 37° 28.1' N 122° 56.3' W (NOS)	*18587 71Ed. 4/11 LAST NM 31/12 Add Position circle "Pile" 37/12 Position circle "Pile" 43° 24' 35.0"N 124° 16' 51.4"W Position circle "Pile" 43° 24' 36.3"N 124° 16' 51.4"W Position circle "Pile" 43° 24' 35.0"N 124° 16' 53.9"W (NOS)
18009	3Ed. 9/22/07 LAST NM N16/12 Delete Submarine cable between	N37/12 37° 29.9' N 122° 30.0' W 37° 27.8' N 122° 55.0' W (NOS)	*18680 31Ed. 6/05 LAST NM 16/12 Delete Submarine cable between 37/12 37° 30.0' N 122° 30.1' W 37° 27.3' N 122° 57.4' W (NOS)
18010	21Ed. 3/07 LAST NM 27/12 Delete Submarine cable between	37/12 37° 29.9' N 122° 30.0' W 37° 26.4' N 122° 58.7' W (NOS)	*18682 14Ed. 11/03 LAST NM 3/06 Delete Submarine cable between 37/12 37° 29' 58.7"N 122° 29' 57.2"W 37° 29' 51.2"N 122° 32' 05.6"W (NOS)
18020	39Ed. 1/12 LAST NM 17/12 Delete Submarine cable between	37/12 37° 30.4' N 122° 29.6' W 37° 26.7' N 122° 58.3' W (NOS)	*19357 24Ed. 6/08 LAST NM 30/12 Add Depth 8 fathoms Obstn [K41] 21° 17' 17"N 157° 54' 15"W Depth 25 fathoms Wk [K26] 21° 16' 59"N 157° 52' 08"W Depth 9 fathoms Wk [K26] 21° 17' 22"N 157° 54' 25"W (NOS)
18022	36Ed. 6/11 LAST NM 20/12 Delete Submarine cable between	37/12 37° 29.9' N 122° 30.0' W 37° 26.4' N 122° 58.7' W (NOS)	*19366 37Ed. 6/07 LAST NM 26/12 Relocate Light "7" from 37/12 21° 19' 22.5"N 157° 58' 10.6"W to 21° 19' 23.4"N 157° 58' 10.8"W (31/12 CG14)
18400	49Ed. 4/12 LAST NM 33/12 Change Visibility (range) of light to 7M	37/12 48° 29.6' N 122° 45.2' W (30/12 CG13)	*19367 39Ed. 4/08 LAST NM 30/12 Substitute Depth 29 feet Obstn [K41] for 30 feet 37/12 21° 17' 28.8"N 157° 53' 22.7"W Add Depth 50 feet Obstn [K41] 21° 17' 16.5"N 157° 54' 15.2"W (NOS)

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★19369	6Ed. 10/06 LAST NM 30/12 Substitute Depth 4 3/4 fathoms Obstn [K41] for 5 fathoms "Rep (2000)"	37/12 21° 17' 28.8"N 157° 53' 22.7"W	Add Characteristic of buoy to QR Buoy R, can, VQ R Buoy G, conical, QG Buoy R, spar	56° 05' 24"N 15° 33' 59"E 56° 04' 04"N 15° 33' 35"E 56° 05' 30"N 15° 34' 15"E 56° 05' 51"N 15° 33' 59"E
Change	Legend to "19 feet by 150 feet rep 2009"	21° 17' 02.4"N 157° 50' 44.2"W		
Add	Depth 8 fathoms Obstn [K41] Depth 12 fathoms Wk [K26] Depth 25 fathoms Wk [K26] Depth 9 fathoms Wk [K26]	21° 17' 16.5"N 157° 54' 15.2"W 21° 16' 48.2"N 157° 51' 34.6"W 21° 16' 58.8"N 157° 52' 08.5"W 21° 17' 22.4"N 157° 54' 24.8"W	Buoy, spar, double cone topmark points together (414(8126)12 Norrkoping)	56° 09' 37"N 15° 37' 57"E
(NOS)				
22430	6Ed. 4/11/98 LAST NM 53/11 Substitute Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] for beacon	37/12 54° 54.2'S 67° 35.8'W (7(97)12 Valparaiso)		
22433	3Ed. 2/15/97 LAST NM 28/12 Delete Beacon	37/12 54° 54' 15"S 67° 35' 48"W	Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] (Plan) Delete Beacon	54° 54' 09"S 67° 35' 50"W 54° 54' 13"S 67° 35' 45"W
			Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3]	54° 54' 09"S 67° 35' 50"W (7(97)12 Valparaiso)
22434	2Ed. 10/17/98 LAST NM 53/11 Delete Beacon	37/12 54° 54' 11.5"S 67° 35' 49.7"W	Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3]	54° 54' 09.3"S 67° 35' 49.5"W (7(97)12 Valparaiso)
24270	3Ed. 4/4/98 LAST NM 52/10 Delete Dangerous wreck (NTM0016/2012)	37/12 2° 26.1'S 44° 21.0'W		
24271	15Ed. 3/24/12 LAST NM N22/12 Delete Dangerous wreck (NTM0016/2012)	N37/12 2° 26' 05"S 44° 21' 00"W		
24274	2Ed. 11/23/96 LAST NM 52/10 Delete Dangerous wreck (NTM0016/2012)	37/12 2° 26.1'S 44° 21.0'W		
★28136	1Ed. 7/7/12 NEW CHART (NGA)	N37/12		
★35008	22Ed. 4/28/12 NEW EDITION (NGA)	N37/12		
44030	8Ed. 6/20/09 LAST NM 20/12 Add Depth 8 meters, blue tint and enclosing depth contour (10-meter) centered	37/12 60° 28.5' N 19° 22.6' E (18(194)12 Helsinki)		
44044	6Ed. 11/9/96 LAST NM 17/12 Add Depth 8.8 meters Depth 10.5 meters Depth 15 meters Depth 4.8 meters Depth 14.3 meters	37/12 57° 09.3' N 12° 05.8' E 57° 08.6' N 12° 06.6' E 57° 08.5' N 12° 07.7' E 57° 06.4' N 12° 11.2' E 57° 05.8' N 12° 10.5' E (408(7649)12 Norrkoping)		
44123	1Ed. 1/1/11 LAST NM N33/12 Relocate Buoy from 56° 05' 43"N 15° 34' 18"E to and change characteristic to QG	N37/12 56° 05' 51"N 15° 34' 21"E		
Change	Buoy to G, conical, VQ G Buoy to R, can, QR Buoy to G, conical, QG	56° 04' 15"N 15° 34' 37"E 56° 04' 45"N 15° 33' 39"E 56° 05' 02"N 15° 34' 22"E		
44161	2Ed. 6/8/96 LAST NM 33/12 (Plan Kalmar)	37/12	Add Buoy, spar, cone topmark, Fl(3) G 6s	56° 41' 17.2"N 16° 24' 11.6'E (408(7991)12 Norrkoping)
44200	9Ed. 7/20/96 LAST NM 24/12 Delete Depth 11.5 meters	37/12 60° 28.9' N 19° 22.5' E	Add Depth 8 meters, blue tint and enclosing depth contour (10-meter) centered	60° 28.5' N 19° 22.6' E (18(194)12 Helsinki)
44220	6Ed. 11/20/10 LAST NM 16/11 Delete Radio reporting point symbol	37/12 61° 52.9' N 17° 29.1' E	Substitute Beacon for light and sector limits	61° 53.8' N 17° 21.5' E
			Add Depth 16.4 meters and extend depth contour (20-meter) NE to enclose	62° 06.9' N 17° 49.0' E (414(8091), 8096)12 Norrkoping)
44320	4Ed. 9/21/96 LAST NM 20/12 Add Light L Fl 10s to buoy	37/12 59° 03.4' N 23° 22.0' E (6(89)12 Tallinn)		
44340	12Ed. 2/2/08 LAST NM 17/12 Delete Dangerous wreck	37/12 59° 37.6' N 25° 56.9' E	Substitute Depth 11 meters Wk [K26] for depth 10.8 meters	59° 33.8' N 25° 13.1' E (6(83), 84)12 Tallinn)
44352	3Ed. 3/10/07 LAST NM N17/12 Add Light Q(6) + L Fl 15s to buoy Light Q(6) + L Fl 15s to buoy	N37/12 59° 27' 41"N 24° 43' 11"E 59° 27' 43"N 24° 43' 24"E (6(86), 87)12 Tallinn)		
44353	1Ed. 1/29/11 LAST NM N27/12 Add Light Q(6) + L Fl W 15s to buoy Light Q(6) + L Fl W 15s to buoy	N37/12 59° 27' 40.9"N 24° 43' 10.8"E 59° 27' 43.2"N 24° 43' 24.0"E (6(86), 87)12 Tallinn)		
44400	5Ed. 1/23/10 LAST NM 17/12 Delete Buoy	37/12 58° 06.7' N 22° 39.5' E	Change Visibility (range) of range light, front to 7M Visibility (range) of range light, rear to 6M	58° 12.8' N 22° 30.4' E 58° 13.1' N 22° 29.9' E
			Range light, front to Q(4) WRG 15s 12m 7-3M with sectors green 013° 54' -101°, white-105°, red-192° 18'	58° 06.3' N 22° 10.8' E
			Range light, rear to Fl 1.5s 44m 9M	58° 05.9' N 22° 13.9' E
			Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]	58° 07.0' N 22° 39.6' E
			Buoy RW, spar, ball topmark, L Fl 10s [Q130.5]	59° 03.4' N 23° 22.0' E (6(89), 93, 94, 97, 105, 106)12 Tallinn; UKHO LL)
44410	5Ed. 8/7/10 LAST NM 17/12 Delete Depth 22 meters, blue tint and enclosing dotted-line circle centered	37/12 57° 53.5' N 21° 10.4' E		

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NM 37/12

44410	(Continued)			
Change	Range light, front to Q(4) WRG 15s 12m 7-3M with sectors green 013° 54' -101°, white-105°, red-192° 18'	58°06.3' N 22° 10.8' E		N37/12
	Range light, rear to Fl 1.5s 44m 9M	58° 05.9' N 22° 13.9' E		
	(6104-106)12 Tallinn; UKHO LL			
51100	7Ed. 10/22/94 LAST NM 27/12	37/12		
Delete	Depth 29 meters and enclosing depth contour (30-meter) in vicinity	42°33.4' N 9°12.2' W		
Add	Depth 23.5 meters, blue tint and enclosing depth contour (30-meter) centered	42°33.6' N 9°11.9' W		
	Depth 0.2 meter	42°48.5' N 9°10.0' W		
	(818)03 Brest			
★52086	2Ed. 8/5/95 LAST NM 8/12	37/12		
Delete	Legend "PLAN B" (See 25/07-52086)	39°39' 13"N 0°11' 36"W		
	(Plan B)			
Delete (NGA)	Plan B			
★52091	1Ed. 6/16/12 NEW CHART (Main body)	N37/12		
Substitute	Submarine cables (power) (3) [L30.1] for submarine cables joining	39°39' 12.8"N 0°12' 28.2"W 39°39' 21.3"N 0°11' 47.1"W 39°39' 53.3"N 0°10' 10.1"W 39°39' 55.8"N 0°09' 12.8"W 39°39' 48.6"N 0°08' 45.0"W		
	(NGA; 7(38), 11(62)12 Cadiz)			
52120	12Ed. 11/14/87 LAST NM 44/11	37/12		
Add	Superbuoy ODAS [Q58] Y, Fl(5) Y 20s	40°43.3' N 0°58.9' E		
	(16(183)06, 49(326)12 Cadiz)			
52143	8Ed. 8/5/95 LAST NM 41/11	37/12		
Add	Racon (K) [S3.3] to buoy	39°51' 56"N 4°18' 34"E		
	(Plan)			
Add	Racon (K) [S3.3] to buoy	39°51' 55.5"N 4°18' 34.2"E		
	(17(191)06 Cadiz)			
53011	2Ed. 2/10/01 LAST NM 30/12	37/12		
Add	Danger circle "Obstn" [K40] (21(11)09 Genova)	40°48.0' N 14°07.1' E		
53160	14Ed. 6/19/99 LAST NM 30/12	37/12		
Add	Danger circle "Obstn" [K40] (21(11)09 Genova)	40°48.0' N 14°07.1' E		
53161	8Ed. 3/30/96 LAST NM 30/12	37/12		
Add	Danger circle "Obstn" [K40] (21(11)09 Genova)	40°48' 00"N 14°07' 04"E		
53162	7Ed. 9/14/02 LAST NM 25/12	37/12		
	(Panel A)			
Delete	Depth 87 meters Bottom characteristic "M"	40°47' 59.5"N 14°07' 08.0"E 40°48' 02.0"N 14°06' 46.3"E		
	Buoy	40°48' 00.0"N 14°07' 03.2"E		
Substitute	"OBSTRUCTIONS" area [K40] bound by dotted-line circle, radius 400 meters, for "MARINE FARM" area centered	40°48' 00.0"N 14°07' 03.2"E		
	(21(11)09 Genova)			
53180	10Ed. 1/21/95 LAST NM 25/12	37/12		
Add	Danger circle "Obstn" [K40] (21(11)09 Genova)	40°48.0' N 14°07.1' E		
54131	2Ed. 2/10/01 LAST NM 30/12	37/12		
Add	Danger circle "Obstn" [K40] (21(11)09 Genova)	40°48.0' N 14°07.1' E		
★54165	3Ed. 7/21/12 NEW EDITION (NGA)			N37/12
54318	3Ed. 3/9/96 LAST NM 7/12	37/12		
Delete	Buoy (7(135)12 Athens)	35°24' 42"N 24°18' 47"E		
54321	3Ed. 2/28/09 LAST NM N23/12	N37/12		
Add	Entry prohibited area [N2.2] bound by shore and purple composite line joining	36°23' 55"N 25°25' 55"E 36°23' 45"N 25°25' 44"E 36°23' 37"N 25°25' 47"E 36°23' 28"N 25°25' 56"E		
	(7(139)12 Athens)			
54339	9Ed. 3/28/09 LAST NM N32/11	N37/12		
Add	Buoy BRB, pillar, double ball topmark, Fl(2) 10s [Q130.4]	38°01' 28.4"N 23°33' 42.4"E		
	(7(136)12 Athens)			
54365	6Ed. 1/16/99 LAST NM 21/12	37/12		
Delete	Light	40°55' 50.0"N 24°24' 22.0"E		
	(Plan)			
Delete	Light (7(140)12 Athens)	40°55' 50.0"N 24°24' 22.0"E		
★56041	5Ed. 6/16/12 NEW EDITION (NGA)	N37/12		
★56042	6Ed. 5/4/96 LAST NM 12/12	37/12		
Delete	Purple outline of chart 56048 joining	34°57' 00"N 35°48' 00"E 34°51' 00"N 35°48' 00"E 34°51' 00"N 34°54' 00"E 34°57' 00"N 35°54' 00"E		
	Legend "56048"	34°51' 06"N 35°54' 25"E		
Add	Purple outline of chart 56047	34°57' 00"N 35°47' 36"E 34°51' 00"N 35°47' 36"E 34°51' 00"N 35°54' 01"E 34°57' 00"N 35°54' 01"E		
	Legend "56047"	34°51' 06"N 35°47' 54"E		
★56047	1Ed. 6/16/12 NEW CHART (NGA)	N37/12		
56063	1Ed. 1/31/98 LAST NM 34/11	37/12		
Add	Buoy G, conical, Fl(3) G 10s	32°49' 04.2"N 35°01' 08.4"E		
	(18/11 Haifa)			
★61061	10Ed. 8/19/06 LAST NM 47/11	37/12		
Delete	Plan (Port Elizabeth) Legend "SEE PLAN"	33°51' 30"S 25°33' 00"E 33°57' 38"S 25°38' 10"E		
	(NGA)			
★61062	1Ed. 6/30/12 NEW CHART (NGA)	N37/12		
62032	16Ed. 2/1/03 LAST NM 30/12	37/12		
Relocate	Light from 27°23.2' N 52°34.8' E to	27°21.7' N 52°36.4' E		
	Add	Danger circle [K1] "Works in progress (2010)"		
		24°59.4' N 54°12.7' E		
	(4(279)11, 22(2361)12 Taunton)			
62033	3Ed. 2/1/03 LAST NM N30/12	N37/12		
Relocate	Light from 27°23.2' N 52°34.8' E to	27°21.7' N 52°36.4' E		
	Add	Danger circle [K1] "Works in progress (2010)"		
		24°59.4' N 54°12.7' E		
	(4(279)11, 22(2361)12 Taunton)			

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62225	4Ed. 7/18/09 LAST NM N38/09 Delete Anchor berth "3"	37/12 29° 32' 24.0"N 34° 57' 23.5"E	71044	2Ed. 12/22/07 LAST NM 21/11 (Plan) Delete Submarine cable (power) joining	37/12 7° 18' 17.0"N 99° 25' 05.0"E 7° 18' 01.5"N 99° 24' 46.6"E 7° 16' 53.0"N 99° 23' 07.3"E
Relocate	Anchor berth "4" from 29° 32' 13.0"N 34° 57' 43.0"E to 29° 32' 18.0"N 34° 57' 31.8"E		Add	Submarine cable (power) [L31.1] between 7° 18' 02.7"N 99° 25' 08.1"E 7° 16' 40.9"N 99° 23' 14.0"E	
	Anchor berth "5" from 29° 32' 04.0"N 34° 58' 05.2"E to 29° 32' 08.4"N 34° 57' 54.0"E (42/11 Haifa)			Buoy Y, conical, "X" topmark [Q130.6] 7° 16' 49.2"N 99° 23' 25.9"E	
62314	3Ed. 6/20/98 LAST NM 31/10 Substitute Depth 12.7 meters Obstns [K41] for 14.3 meters Obstn	37/12 23° 37' 37.1"N 58° 34' 29.2"E (38(4572)10 Taunton)		Buoy Y, conical, "X" topmark [Q130.6] 7° 17' 32.1"N 99° 24' 25.8"E (2(15)12 Bangkok)	
62343	4Ed. 10/7/06 LAST NM 31/10 Substitute Depth 12.7 meters Obstns [K41] for 14.3 meters Obstns	37/12 23° 37' 35.2"N 58° 34' 29.5"E (38(4572)10 Taunton)	71247	19Ed. 4/22/06 LAST NM 8/12 Change Legend to "14.5m (2011)" Legend to "13.2m (2011)" Legend to "13.4m (2011)" Legend to "11.0m (2009)" Legend to "10.0m (2009)" Legend to "10.0m (2008)" Legend to "10.1m (2008)" Legend to "10.0m (2009)" Legend to "12.0m (2008)" Legend to "12.0m (2008)" Legend to "12.0m (2008)" Legend to "15.0m (2009)" Legend to "15.0m (2009)" Legend to "15.0m (2009)" Legend to "15.0m (2009)" (19(2060)12 Taunton; UKHO ARCS 4037-0)	37/12 1° 15' 42.0"N 103° 51' 00.0"E 1° 15' 49.2"N 103° 50' 53.4"E 1° 15' 42.0"N 103° 50' 47.6"E 1° 16' 00.3"N 103° 49' 52.3"E 1° 15' 57.2"N 103° 49' 46.8"E 1° 15' 54.1"N 103° 49' 41.3"E 1° 15' 50.6"N 103° 49' 35.3"E 1° 15' 48.1"N 103° 49' 30.9"E 1° 15' 39.8"N 103° 49' 31.8"E 1° 15' 43.0"N 103° 49' 38.5"E 1° 15' 47.1"N 103° 49' 45.8"E 1° 15' 49.9"N 103° 49' 54.0"E 1° 15' 50.3"N 103° 50' 04.8"E 1° 15' 47.0"N 103° 50' 14.2"E
62400	17Ed. 9/23/95 LAST NM 33/12 Add Danger circle [K1] "Works in progress (2010)"	37/12 24° 59' 21"N 54° 12' 42"E (4(279)11 Taunton)	91008	1Ed. 7/18/92 LAST NM 31/12 Add Wreck [K29] Buoy ODAS [Q58] Or, conical, Fl R 4s	37/12 22° 24.3' N 121° 15.4' E 21° 40.6' N 124° 03.8' E (107, 116/12 Tso-ying)
★62429	10Ed. 6/23/12 NEW EDITION (NGA)	N37/12	91010	6Ed. 9/2/95 LAST NM 31/12 Add Wreck [K29] Buoy ODAS [Q58] Or, conical, Fl R 4s	37/12 22° 24.3' N 121° 15.4' E 21° 40.6' N 124° 03.8' E (107, 116/12 Tso-ying)
★62456	2Ed. 6/23/12 NEW EDITION Change Legend to "East Breakwater" (NGA; UKHO ARCS 3718-0)	N37/12 27° 02' 14.5"N 49° 41' 59.0"E	★91273	4Ed. 6/16/12 NEW EDITION (NGA)	N37/12
62480	2Ed. 3/1/03 LAST NM 33/12 Relocate Light from 27° 23.2' N 52° 34.8' E to (See 38/11-62480)	37/12 27° 21.7' N 52° 36.4' E	★91380	3Ed. 6/2/12 NEW EDITION (NGA)	N37/12
	Add Danger circle [K1] "Works in progress (2010)" (4(279)11, 22(2361)12 Taunton)	24° 59.4' N 54° 12.7' E	92290	2Ed. 9/25/76 LAST NM 11/12 Change Period of light to 5s (UKHO LL)	37/12 9° 18.9' N 123° 18.6' E
62520	6Ed. 3/15/03 LAST NM 33/12 Relocate Light from 27° 23.2' N 52° 34.8' E to (See 38/11-62520)	37/12 27° 21.7' N 52° 36.4' E (22(2361)12 Taunton)	92302	2Ed. 6/16/79 LAST NM 22/12 (Plan A) Delete Light	37/12 9° 18' 53.5"N 123° 18' 35.7"E
				Add Light Fl G 5s 39ft 8M (3(51)12 Manila; UKHO LL)	9° 18' 50.7"N 123° 18' 32.4"E
62521	4Ed. 3/15/03 LAST NM N33/12 Relocate Light from 27° 23.2' N 52° 34.8' E to (See N38/11-62521)	N37/12 27° 21.7' N 52° 36.4' E (22(2361)12 Taunton)	92330	3Ed. 7/4/98 LAST NM 22/12 Change Period of light to 5s (UKHO LL)	37/12 9° 18' 49"N 123° 18' 37"E
63054	3Ed. 11/17/01 LAST NM 26/12 Relocate Buoy "P3" from 24° 46' 41.2"N 66° 58' 59.4"E to (4(5)11 Karachi)	37/12 24° 46' 37.2"N 66° 58' 55.8"E	93010	6Ed. 1/9/99 LAST NM 28/11 Add Platform (lighted) [L10] Platform (lighted) [L10] Platform (lighted) [L10] Platform (lighted) [L10] (7(101)11, 5(65)12 Bangkok)	37/12 8° 29.1' N 102° 23.4' E 8° 19.7' N 102° 31.3' E 8° 19.0' N 102° 16.5' E 8° 13.4' N 102° 16.8' E
63281	2Ed. 5/27/06 LAST NM 36/06 Delete Light	37/12 16° 09' 14.0"N 81° 10' 47.0"E	93018	8Ed. 3/6/99 LAST NM 43/11 Delete Dashed line joining	37/12 6° 26.3' N 102° 00.7' E 6° 22.9' N 102° 04.7' E 6° 22.2' N 102° 04.7' E
	Legend "Cyclone Shelter (15)" Position circle and legend "SS (Storm)" Monument and legend "Pillar (5)"	16° 08' 52.9"N 81° 10' 08.5"E 16° 08' 41.3"N 81° 11' 01.0"E 16° 08' 12.0"N 81° 11' 50.1"E			
	Add Position circle "Lt Ho (disused) (18)" (14(382)07 Dehra Dun)	16° 09' 10.2"N 81° 10' 52.2"E			
★63290	8Ed. 5/19/12 NEW EDITION (NGA)	N37/12			

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93018	(Continued)		
Add	Dashed line (marine farm area limit) joining		
	6° 26.3' N 102° 00.7' E 6° 27.6' N 102° 02.0' E 6° 25.0' N 102° 05.1' E 6° 22.2' N 102° 05.1' E 6° 22.2' N 102° 04.7' E		
	Platform (lighted) "AWP15" [L2] 8° 29.1' N 102° 23.4' E Platform (lighted) "AWP16" [L2] 8° 19.7' N 102° 31.3' E Platform (lighted) "AWP17" [L2] 8° 19.0' N 102° 16.5' E Platform (lighted) "AWP18" [L2] 8° 13.0' N 102° 34.0' E Platform (lighted) "WP26" [L2] 8° 13.4' N 102° 16.8' E		
(7(100P, 101)11, 5(64P, 65), 6(78), 7(85P, 86)12 Bangkok)			
93160	4Ed. 11/24/01 LAST NM 28/11	37/12	
Delete	Dashed line joining	6° 26' 16" N 102° 00' 42"E 6° 23' 00" N 102° 04' 34"E 6° 22' 11" N 102° 04' 32"E	
Add	Dashed line (marine farm area limit) joining	6° 26' 16" N 102° 00' 42"E 6° 27' 38" N 102° 01' 57"E 6° 25' 01" N 102° 05' 01"E 6° 22' 11" N 102° 05' 06"E 6° 22' 11" N 102° 04' 32"E	
(6(78)12 Bangkok)			
93180	8Ed. 7/14/07 LAST NM N5/12	N37/12	
Add	Platform (lighted) "AWP15" [L2] 8° 29.1' N 102° 23.4' E Platform (lighted) "AWP17" [L2] 8° 19.0' N 102° 16.5' E Platform (lighted) "WP26" [L2] 8° 13.4' N 102° 16.8' E		
(7(100P, 101)11, 5(64P, 65)12 Bangkok)			
93240	12Ed. 12/10/11 LAST NM 13/12	37/12	
Add	Dangerous wreck [K28] "Rep (2012)" (PA)	13° 20.3' N 100° 24.1' E	
(6(77T)12 Bangkok)			
93244	8Ed. 6/24/06 LAST NM 26/12	37/12	
Add	Buoy Y, conical, "X" topmark [Q130.6] 13° 08' 04.9"N 100° 52' 58.9"E Buoy Y, conical, "X" topmark [Q130.6] 13° 07' 48.9"N 100° 53' 23.6"E		
(7(97)11 Bangkok)			
93249	1Ed. 7/15/06 LAST NM 34/10	37/12	
Add	Buoy Y, conical, "X" topmark [Q130.6] 12° 54' 37.5"N 100° 47' 04.5"E Buoy Y, conical, "X" topmark [Q130.6] 12° 54' 35.0"N 100° 47' 09.4"E Buoy Y, conical, "X" topmark [Q130.6] 12° 54' 35.6"N 100° 47' 18.1"E Buoy Y, conical, "X" topmark [Q130.6] 12° 54' 19.5"N 100° 51' 24.9"E		
(7(97)11 Bangkok)			
★93580	4Ed. 5/26/12 NEW EDITION (NGA)	N37/12	
★93600	4Ed. 6/9/12 NEW EDITION (NGA)	N37/12	
93720	11Ed. 7/7/07 LAST NM 30/12	37/12	
Add	Light Fl 5s 8m 5M Light Fl 5s 10m 5M	21° 55.6' N 113° 42.9' E 21° 56.6' N 113° 40.6' E	
(35(1131, 1133)07 Tianjin)			
93721	6Ed. 4/26/08 LAST NM N36/12	N37/12	
Change	Characteristic of light to L Fl 6s	21° 59' 13"N 113° 47' 30"E	
(35(1132)07 Tianjin; UKHO LL)			
93730	4Ed. 2/3/07 LAST NM 34/12	37/12	
Add	Light Fl 5s 8m 5M Light Fl 5s 10m 5M	21° 55.6' N 113° 42.9' E 21° 56.6' N 113° 40.6' E	
(35(1131, 1133)07 Tianjin)			
94004	7Ed. 7/23/11 LAST NM 26/12	37/12	
Add	Wreck [K29] (107/12 Tso-ying)	22° 24.3' N 121° 15.4' E	
94080	8Ed. 9/26/09 LAST NM 26/12	37/12	
Add	Wreck [K29] (107/12 Tso-ying)	22° 24.3' N 121° 15.4' E	
94083	12Ed. 1/15/00 LAST NM 13/12	37/12	
Relocate	Buoy from 22° 32' 37"N 120° 15' 49"E to 22° 32' 35"N 120° 15' 38"E		
	Buoy from 22° 32' 15"N 120° 13' 55"E to 22° 32' 18"N 120° 13' 11"E		
	(See 50/11-94083) (65/12 Tso-ying)		
94084	1Ed. 1/15/00 LAST NM 13/12	37/12	
Relocate	Buoy from 22° 32' 37.0"N 120° 15' 49.0"E to 22° 32' 35.0"N 120° 15' 38.0"E		
	Buoy from 22° 32' 15.0"N 120° 13' 55.0"E to 22° 32' 18.0"N 120° 13' 11.0"E		
	(See 50/11-94084) (65/12 Tso-ying)		
★94360	7Ed. 6/2/12 NEW EDITION (NGA)	N37/12	
95100	13Ed. 10/20/07 LAST NM 22/12	37/12	
Change	Light to Fl 15s 92m 23M Horn	34° 00.4' N 127° 19.4' E	
	Note: Obscured sector unchanged (1(12)06 Inchon; ROK CH 214)		
95140	16Ed. 7/2/11 LAST NM 53/11	37/12	
Change	Fog signal to Horn at light and delete RC (ROK CH 214)	34° 00.4' N 127° 19.4' E	
95171	2Ed. 5/7/11 LAST NM N46/11	N37/12	
Change	Height of light to 102m (25(315)11 Inchon)	36° 30' 26.5"N 129° 27' 03.0"E	
95180	13Ed. 4/30/11 LAST NM N1/12	N37/12	
Change	Light to Fl 5s 102m 19M (1(1)06, 25(315)11 Inchon)	36° 30.4' N 129° 27.1' E	
800744	1Ed. 9/24/88 LAST NM N30/12	N37/12	
Add	Depth 8.6 meters Obstn [K41] 21° 17' 29"N 157° 53' 23"W Depth 14.6 meters Obstn [K41] 21° 17' 17"N 157° 54' 15"W Depth 21.9 meters Wk [K26] 21° 16' 48"N 157° 51' 35"W Depth 45 meters Wk [K26] 21° 16' 59"N 157° 52' 08"W Depth 16.4 meters Wk [K26] 21° 17' 22"N 157° 54' 25"W		
	(NOS)		
803470	1Ed. 5/9/09 LAST NM N46/11	N37/12	
Change	Height of light to 102m (25(315)11 Inchon)	36° 30' 28"N 129° 27' 05"E	

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NM 37/12

Chart 11322 (Side B)

NM 37/12

FREEPORT HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (MILES) DEPTH MLLW (FEET)
OUTER BAR CHANNEL	41.0	42.0	42.0	41.0	6-12	400 4.92 47
JETTY CHANNEL	41.0	42.0	42.0	40.0	6-12	400 1.35 45
LOWER TURNING BASIN	42.0	43.0	43.0	42.0	4-12	750 0.13 45
CHANNEL TO BRAZOSPORT						
TURNING BASIN	43.0	44.0	43.0	43.0	4-12	400-600 0.48 45
BRAZOSPORT TURNING BASIN	44.0	44.0	44.0	44.0	4-12	500-1000 0.28 45
CHANNEL TO UPPER						
TURNING BASIN	46.0	47.0	46.0	46.0	4-12	280-750 1.03 45
UPPER TURNING BASIN	49.0	49.0	49.0	49.0	4-12	600-1190 0.18 45
BRAZOS HARBOR APPROACH CHANNEL	38.0	40.0	40.0	40.0	4-12	200-650 0.53 36
BRAZOS HARBOR TURNING BASIN	36.0	37.0	37.0	36.0	4-12	750 0.11 36
CHANNEL TO STAUFFER						
TURNING BASIN	17.0	19.0	19.0	17.5	11-88	200 1.0 25
STAUFFER TURNING BASIN	18.0	18.0	18.0	16.0	11-88	500 0.1 25
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11323

NM 37/12

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	46.4	48.2	47.3	44.4	3-12	800-1000 8.6 45
OUTER BAR CHANNEL	42.2	46.4	47.3	48.5	3-12	800 1.7 45
INNER BAR CHANNEL	40.7	44.6	44.5	43.0	3-12	800 3.3 45
ANCHORAGE BASIN A	40.0	38.0	38.0	32.0	5-12	3100 1.9 36
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

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NM 37/12

Chart 11324

NM 37/12

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	46.4	48.2	47.3	44.4	3-12	800-1000	8.6	45
OUTER BAR CHANNEL	42.2	46.4	47.3	48.5	3-12	800	1.7	45
INNER BAR CHANNEL	40.7	44.6	44.5	43.0	3-12	800	3.3	45
ANCHORAGE BASIN A	40.0	38.0	38.0	32.0	5-12	3100	1.9	36
BOLIVAR ROADS CHANNEL	47.7	49.8	46.1	43.9	3-12	800	0.85	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO RED FISH LIGHT 1	44.8	45.1	45.3	41.3	4-12	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76	39.6	44.4	44.4	40.9	5-12	400	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	42.1	48.4	47.2	42.3	3-12	530	5.49	45
GALVESTON CHANNEL	33.0	45.0	44.0	20.0	4-12	1125-1075	4.44	40-45
BOLIVAR ROADS TO TURNING BASIN	42.9	47.2	47.9	43.9	5-12	400	6.8	45
TEXAS CITY TURNING BASIN	33.9	38.3	47.0	43.1	4-12	1200	0.81	45
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11327

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HOUSTON SHIP CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)
BOLIVAR ROADS TO RED FISH LIGHT 1	44.8	45.1	45.3	41.2	4-12	530	12.38
RED FISH LIGHT 1 TO BEACON 76 (TURN)	39.6	44.4	44.4	40.9	5-12	400	8.33
BCN 76 TO LWR END MORGANS PT CUT	42.1	48.4	47.2	42.3	3-12	530	5.49
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 11328

NM 37/12

HOUSTON SHIP CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)
BOLIVAR ROADS TO RED FISH LIGHT 1	44.8	45.1	45.3	41.2	4-12	530	12.38
RED FISH LIGHT 1 TO BEACON 76 (TURN)	39.6	44.4	44.4	40.9	5-12	400	8.33
BCN 76 TO LWR END MORGANS PT CUT	42.1	48.4	47.2	42.3	3-12	530	5.49
LOWER END MORGANS POINT CUT TO EXXON OIL CO. SLIP	37.8	44.7	44.5	38.9	3-12	400-525	4.36
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SECTION I

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Chart 11332

NM 37/12

SABINE PASS CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)
SABINE BANK CHANNEL	35.1	33.3	38.2	38.0	6-12	800	14.7
OUTER BAR CHANNEL	36.0	35.3	35.7	35.8	5-12	800	3.4
JETTY CHANNEL	30.1	30.3	29.9	29.4	5-12	800-500	4.1

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11341

NM 37/12

SABINE PASS CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)
SABINE BANK CHANNEL	35.1	33.3	38.2	38.0	6-12	800	14.7
OUTER BAR CHANNEL	36.0	35.3	35.7	35.8	5-12	800	3.4
JETTY CHANNEL	30.1	30.3	29.9	29.4	5-12	800-500	4.1

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11342

NM 37/12

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH MLLW (MILES)
SABINE PASS:							
OUTER BAR CHANNEL	36.0	35.3	35.7	35.8	5-12	800	3.4
JETTY CHANNEL	30.1	30.3	29.9	29.4	5-12	800-500	4.1
PASS CHANNEL (A)	38.7	39.0	32.6	32.3	3-12	500-1150	5.6
ANCHORAGE BASIN	32.6	20.0	8.5	9.6	3-12	1500	1.6
PORT ARTHUR CANAL	33.3	33.4	31.4	31.5	5-12	500	5.5
JUNCTION - PORT ARTHUR CANAL AND SABINE NECHES CANAL	33.1	33.2	34.3	35.0	3-12	400-1200	1.3
ENTRANCE TO PORT ARTHUR							
TURNING BASINS	35.8	36.7	37.1	36.8	3-12	282-735	0.4
PORT ARTHUR EAST TURNING BASIN	38.1	39.3	33.4	31.8	3-12	370-547	0.3
PORT ARTHUR WEST TURNING BASIN	33.6	32.4	37.5	37.3	3-12	350-735	0.3
CHANNEL FROM PORT ARTHUR WEST TURNING BASIN TO							
TAYLOR BAYOU TURNING BASIN	28.1	28.1	39.6	38.5	3-12	200-350	0.6
TAYLOR BAYOU TURNING BASIN	32.1	32.5	37.6	35.7	3-12	90-1233	0.7
SABINE-NECHES CANAL:							
JCT PORT ARTHUR TO NECHES RIVER	32.2	31.1	31.6	33.0	5-12	400	11.1
NECHES RIVER TO SABINE RIVER	22.1	23.6	21.9	26.0	3-12	200	4.5

A. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. A DEPTH VALUE REFERRED TO MEAN LOW TIDE
WOULD BE APPROXIMATELY ONE FOOT DEEPER WHEN REFERRED TO MEAN LOWER LOW WATER AT THE SABINE PASS NORTH TIDE GAUGE,
AT 29°43'42"N 093°52'12"W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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NM 37/12

Chart 11343

NM 37/12

SABINE AND NECHES RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)								PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
JCT PORT ARTHUR TO NECHES RIVER	32.2	31.1	31.6	33.0	5-12	400	11.1	40
NECHES RIVER TO SABINE RIVER	22.1	23.6	21.9	26.0	3-12	200	4.5	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF CUT-OFF	29.6	29.6	24.0	22.8	3-12	400	9.6	40
TURNING BASIN AT DEER BAYOU	40.0	39.6	39.3	38.5	3-12	700	0.3	40
TURNING BASIN AT SMITHS BLUFF	40.0	40.0	40.0	40.0	3-12	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT T.B.	29.8	34.0	32.2	32.0	3-12	400	8.4	40
TURNING BASIN @ MILE 40.3	37.1	37.1	37.2	37.1	3-12	400-1306	0.3	40
CHANNEL EXTENSION C	33.1	33.2	33.0	32.3	3-12	350	0.2	36
MANEUVERING AREA AT BEAUMONT TURNING BASIN	29.8	20.9	36.1	36.3	3-12	varies	0.4	40
BEAUMONT TURNING BASIN EXTENSION	34.0	20.9	34.0	34.0	3-12	300	0.3	34
BEAUMONT T.B. TO BETHLEHEM SHPYDS	20.5	21.3	28.8	28.4	3-12	200	1.1	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	18.7	19.0	22.0	26.2	4-12	200	6.8	30
ORANGE TURNING BASIN	13.7	10.0	27.8	29.6	4-12	200-1400	0.7	30
ORANGE MUNICIPAL SLIP	30.0	28.6	28.7	30.2	4-12	150-200	0.6	30
ORANGE MUNICIPAL SLIP TO OLD U.S. HWY 90 BRIDGE	27.8	25.7	23.4	22.6	4-12	200	2.0	30
CHANNEL AROUND ORANGE HARBOR ISLAND	16.0	12.2	8.4	12.4	4-12	151-200	2.4	25
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 37/12

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
95167	12	N20/12*	97425	7	N53/11		
95169	3	N19,N22/12	97461	9	6/12		
95171	2	N37/12	97466	3	N13/12**		
95174	2	N27/12*	97472	8	6/12		
95177	2	N2/12	97480	9	52/11*,21/12		
95180	13	N1,N37/12	97521	6	4/12		
95261	7	9/12**	97563	2	4/12**		
95263	1	N9/12*	97568	1	N4/12*		
95264	9	N5/12**	97965	1	N53/11		
95266	1	N5/12*	800273	2	N27/12		
95273	2	5/12**	800744	1	N53/11;N11,N30,N37/12		
95279	1	N5/12*	801217	1	N6/12		
95284	1	N53/11	801953	1	N20/12		
95285	3	29/12**	802202	8	N25/12		
95289	1	N29/12*	803222	1	N20,N22/12		
95320	15	22/12	803333	1	N10/12		
96000	5	25/12	803427	1	N5*,N17,N20,N22/12		
96016	7	20/12	803438	1	N34/12*		
96020	4	22/12	803451	1	N20,N22/12		
96028	5	25/12	803455	1	N20/12*		
96039	7	1,17,20,26,28/12	803461	1	N13,N22/12		
96041	11	1,16,17,20,22/12	803464	1	N20/12		
96042	11	1,22,27/12	803468	1	N31/12*		
96043	8	1,16,17,21/12	803470	1	N37/12		
96044	10	9/12	803479	1	N5/12*		
96060	7	18/12	803485	1	N3/12*		
96200	5	17/12	803496	1	N20,N22/12		
96320	4	20/12	803658	1	N5*,N13,N19,N27,N29, N35/12		
96480	3	25/12	803738	1	N20/12		
96621	5	52/11	804059	2	N8/12		
96763	7	21/12	804567	4	N20/12		
96764	3	22/12	805647	2	N27/12		
96900	4	17,22/12	806902	1	N2,N20/12		
96901	3	22/12	806921	1	N20/12		
96906	2	22/12	806939	1	N22/12		
96937	2	17/12	806943	1	N20/12		
96938	4	17/12	806946	1	N53/11		
96941	8	21/12	806967	1	N1,N2,N20/12		
96960	3	17/12	807448	2	N27/12		
97022	1	N5*,N30/12	808528	1	N8,N27/12		
97046	2	N12*,N21/12	808568	1	N31/12**		
97082	6	N9/12**	809055	7	N20/12**		
97083	4	N9/12**	809121	1	N20,N22/12		
97084	1	N9/12*					
97085	1	N9/12*					
97090	1	N21/12*					
97093	1	N26/12*					
97108	4	53/11					
97135	1	N33/12					
97154	2	52/11**					
97157	2	53/11					
97171	1	N52/11*					
97181	20	22/12					
97182	14	N21/12**					
97197	1	N29/12*					
97211	1	N3/12*					
97214	1	N29/12*					
97215	1	N20/12*					
97220	4	29/12**					
97226	7	3/12**					
97229	12	29/12**					
97230	18	20/12**					
97237	6	6/12**					
97239	10	8/12					
97243	9	N22/12					
97256	1	N6/12*					
97266	6	N22/12					
97270	7	N53/11					
97277	12	22/12					
97281	3	22/12					
97303	3	6/12**					
97319	2	N14/12*					
97321	2	N13/12*					
97324	1	N6/12*					
97337	1	N3/12*					
97358	1	N6/12*					
97370	1	N6/12					
97371	1	N13/12*					
97380	7	53/11;6/12					
97383	16	3/12**					
97390	6	N6/12					
97392	5	6/12					
97396	14	53/11;6/12					
97398	4	6/12					
97410	9	6/12**					
97412	7	53/11					
97420	17	53/11;6/12					

SECTION II
NGA/DLIS CATALOG CORRECTIONS

NM 37/12

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11XCO11369 (7642014010214)	<u>Lakes Pontchartrain and Maurepas</u>	80,000	<u>48</u>	<u>6/12</u>	NOS	37/12		
11AHA11491 (7642014010153)	St. Johns River-Atlantic Ocean to Jacksonville	20,000	<u>38</u>	<u>6/12</u>	NOS	37/12		
18BHA18527 (7642014011576)	Swan Island Basin, Willamette River	5,000	<u>23</u>	<u>6/12</u>	NOS	37/12		
18XHA18531 (7642014011617)	Columbia River-Vancouver to Bonneville		<u>23</u>	<u>6/12</u>	NOS	37/12		
	Panels: Upper Panel-Vancouver to Reed Island <u>45 31 41N 122 41 09W</u> <u>45 38 36N 122 15 09W</u> <u>Lower Panel Reed Island to Bonneville</u> <u>45 31 41N 122 18 32W</u> <u>45 31 41N 122 01 09W</u> <u>45 34 08N 122 01 09W</u> <u>45 36 25N 121 56 54W</u> <u>45 36 25N 121 52 33W</u> <u>45 39 23N 121 52 33W</u> <u>45 39 23N 122 18 32W</u>	40,000						
	Inset: Bonneville Dam <u>45 37 55N 121 57 45W</u> <u>45 37 55N 121 55 45W</u> <u>45 39 00N 121 55 45W</u> <u>45 39 00N 121 57 01W</u> <u>45 38 29N 121 57 45W</u>		10,000					
REGION 2								
28BHA28136 (7642015927218)	<u>The Witties</u> <u>14 04 10N 83 04 01W</u> <u>14 22 10N 82 41 28W</u>	<u>50,000</u>	<u>1</u>	<u>7/12</u>	<u>DS</u>	37/12		
REGION 3								
35ACO35008 (7642014012269)	North Sea-Northern Sheet	750,000	<u>22</u>	<u>4/12</u>	<u>DS</u>	37/12		
REGION 5								
52BHA52086 (7642014007400)	Approaches to Castellon de la Plana / El Grao and Sagunto	75,000	2	8/95	A	37/12		
	Plans A: Port of Castellon de la Plana / El Grao	15,000						
	B: <u>Canceled</u>							
	Note: Replaced by Chart 52091							
52BHA52091 (7642016017374)	<u>Port of Sagunto</u> <u>39 35 18N 0 13 57W</u> <u>39 41 00N 0 08 45W</u>	<u>10,000</u>	<u>1</u>	<u>6/12</u>	<u>DS</u>	37/12		
54AHA54165 (7642014423403)	Port of Koper	10,000	<u>3</u>	<u>7/12</u>	<u>DS</u>	37/12		
56BHA56041 (7642014013203)	Approaches to Syrian Ports <u>34 51 40N 35 25 00E</u> <u>35 51 45N 36 14 00E</u>	100,000	<u>5</u>	<u>6/12</u>	<u>DS</u>	37/12		
56BHA56047 (7642016035176)	<u>Ports of Baniyas and Tartus</u>		<u>1</u>	<u>6/12</u>	<u>DS</u>	37/12		
	Panels A: <u>Baniyas</u> <u>35 08 30N 35 52 17E</u> <u>35 16 48N 35 58 00E</u>	<u>20,000</u>						
	B: <u>Tartus</u> <u>34 51 00N 35 47 36E</u> <u>34 59 18N 35 54 01E</u>		<u>20,000</u>					

SECTION II
NGA/DLIS CATALOG CORRECTIONS

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NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
REGION 6							
61AHA61061 (7642014013269)	Approaches to Port Elizabeth Plan: <u>Canceled</u> Note: Replaced by Chart 61062	40,000	10	8/06	A	37/12	
61AHA61062 (7642016012824)	Port Elizabeth <u>33 58 48S 25 35 48E</u> <u>33 54 54S 25 42 13E</u>	<u>10,000</u>	<u>1</u>	<u>6/12</u>	<u>DS</u>	37/12	
62AHA62429 (7642014008400)	Al Jubayl <u>26 57 20N 49 36 03E</u> <u>27 07 44N 49 54 33E</u>	<u>30,000</u>	<u>10</u>	<u>6/12</u>	<u>DS</u>	37/12	
62AHA62456 (7642014006202)	<u>Al Jubayl Ports</u>	10,000	2	6/12	DS	37/12	
63BCO63290 (7642014013456)	Sacramento Shoal to Vamsadhara River Plan: Kakinada Bay	300,000 50,000	8	5/12	DS	37/12	
REGION 9							
91BHA91273 (7642014013949)	Ports Masinloc and Matalvis and Palauig Bay <u>15 25 09N 119 51 33E</u> <u>15 35 51N 120 01 32E</u>	25,000	4	6/12	DS	37/12	
91ACO91380 (7642014013933)	San Bernardino Strait to Ticao Pass	100,000	3	6/12	DS	37/12	
93AHA93580 (7642014014040)	Mui Ron Ma to Cap Falaise	147,200	4	5/12	DS	37/12	
93AHA93600 (7642014014037)	Cap Falaise to Cua Lach Giang	146,300	4	6/12	DS	37/12	
94ACO94360 (7642014014094)	Laizhou Wan to Qinhuangdao	300,000	7	6/12	DS	37/12	
MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX028 (7644014656924)	Canada		15	<u>7/12</u>	DS	37/12	
LLPUB115 (7642014007539)	Norway, Iceland and Arctic Ocean			<u>2012</u>		37/12	

Price Categories effective 1 October 2011

A	21.75	E	11.25
D	13.50	F	11.25
		G	6.75
		H	11.25

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 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
 UKHO United Kingdom Hydrographic Office
 DHO Danish Hydrographic Office
 AHS Australian Hydrographic Service
 JCG Japan Coast Guard
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**SECTION II
NGA/DLIS CATALOG CORRECTIONS**

NM 37/12

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**SECTION II
NAVIGATION PUBLICATIONS**

NM 37/12

NGA LIST OF LIGHTS CORRECTIONS

**PUB 115 Ed 2012 NEW EDITION
(NGA) 37/12**

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
226	UNH Isle of Shoals CO2 Research Lighted Buoy	43-01-19.74N 70-32-35.10W *	Fl Y 4s				Private aid. 37/12
4120	West Penobscot Bay Entrance Lighted Gong Buoy PB	44-05-53.57N 69-00-11.91W *	Mo (A) W	5	Red and white stripes with red spherical topmark. *		37/12
7465	- Channel Buoy 16A	43-47-32.21N 70-09-53.35W *			Red nun.	Maintained from Apr. 1 to Dec. 1.	37/12
14743.1	- Buoy 1	41-38-07.60N 70-24-24.10W *			Green can.	Private aid. 37/12	
14743.2	- Buoy 2	41-38-08.40N 70-24-24.10W *			Red nun.	Private aid. 37/12	
14743.3	- Buoy 4	41-38-14.60N 70-24-22.40W *			Red nun.	Private aid. 37/12	
14743.4	- Buoy 6	41-38-18.80N 70-24-20.30W *			Red nun.	Private aid. 37/12	
14743.5	- Buoy 7	41-38-21.60N 70-24-18.30W *			Green can.	Private aid. 37/12	
14743.6	- Buoy 9	41-38-22.90N 70-24-19.30W *			Green can.	Private aid. 37/12	
14743.7	- Buoy 11	41-38-24.10N 70-24-18.40W *			Green can.	Private aid. 37/12	
14743.8	- Buoy 12	41-38-27.60N 70-24-20.70W *			Red nun.	Private aid. 37/12	
14743.9	- Buoy 13	41-38-31.30N 70-24-22.00W *			Green can.	Private aid. 37/12	
14744	- Buoy 14	41-38-37.80N 70-24-26.40W *			Red nun.	Private aid. 37/12	
14744.1	- Buoy 15	41-38-40.10N 70-24-32.60W *			Green can.	Private aid. 37/12	
14744.5	- Buoy 16	41-38-41.70N 70-24-32.10W *			Red nun.	Private aid. 37/12	
15525	- EAST JETTY LIGHT Marks end of jetty.	41-28-04.10N 70-37-58.10W	Fl W 3s		Single metal post. *	Maintained from Apr. 1 to Dec. 1. Private aid. 37/12	
15530	- Buoy 1	41-27-56.00N 70-37-49.02W *			Black can.	Private aid. 37/12	
15535	- Buoy 2	41-27-54.84N 70-37-49.80W *			Red nun.	Private aid. 37/12	

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15540	- Buoy 3	41-27-57.36N 70-37-49.80W				Black can.	Private aid. 37/12
		*					
15546	- Channel Daybeacon 4A	41-27-51.30N 70-37-44.52W				TR on pile.	Private aid. 37/12
		*					
15547	- Buoy 5	41-27-48.00N 70-37-37.74W					Private aid. 37/12
		*					
19870	Montauk Harbor Entrance Lighted Bell Buoy M	41-05-06.52N 71-56-23.21W	Mo (A) W	4		Red and white stripes with red spherical topmark.	 * 37/12
21605	JOSHUA POINT LIGHT						Remove from list. *
							37/12
27325	POORHOUSE FLATS RANGE FRONT LIGHT	40-43-28.03N 73-57-46.37W	Q R	26		KGR on skeleton tower.	Visible on range line only. Lighted throughout 24 hours. 37/12
		*					
27330	POORHOUSE FLATS RANGE REAR LIGHT 153 yards, 160.4° from front light.	40-43-23.75N 73-57-44.37W	Iso G 6s	48		KGR on skeleton tower.	Visible on range line only. Lighted throughout 24 hours. 37/12
		*	*				
34605	KENNEDY AIRPORT DOCK LIGHT C	40-37-52.38N 73-47-53.70W	F R	30		Red conical structure on pole.	Private aid. 37/12
		*					
34610	KENNEDY AIRPORT DOCK LIGHT F	40-37-05.40N 73-46-32.64W	F R	15		Red conical pipe structure.	Private aid. 37/12
		*					
37427	IMTT DOLPHIN LIGHT WEST	40-39-05.00N 74-05-22.00W	Q Y				Private aid. 37/12
		*					
37428	IMTT DOLPHIN LIGHT EAST	40-39-10.23N 74-05-10.55W	Q Y				Private aid. 37/12
		*					
37790	HAVERSTRAW BAY SOUTH REACH RANGE FRONT LIGHT	41-09-48.52N 73-55-20.23W	Q W	20		KRW on skeleton tower.	Visible 4° each side of range line. *
		*				*	*
37795	HAVERSTRAW BAY SOUTH REACH RANGE REAR LIGHT 295 yards, 155.5° from front light.	41-09-40.53N 73-55-15.52W	Iso W 6s	47		KRW on skeleton tower.	Visible 4° each side of range line. *
		*					37/12
37900	HAVERSTRAW BAY NORTH REACH RANGE FRONT LIGHT	41-14-46.04N 73-57-48.29W	Q R	25		KRW on skeleton tower.	Visible on range line only. 37/12
		*					
37905	HAVERSTRAW BAY NORTH REACH RANGE REAR LIGHT 422 yards, 342.6° from front light.	41-14-57.97N 73-57-53.23W	Iso R 6s	49		KRW on skeleton tower.	Visible on range line only. 37/12
		*	*				
37910	- Lighted Buoy 1	41-14-47.40N 73-57-32.00W	Q G			Green.	Private aid. 37/12
		*					

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
38430	SILVER POINT RANGE FRONT LIGHT	42-08-44.16N 73-54-25.63W	Q G	30		On skeleton tower.	Passing light obscured from the south. Lighted throughout 24 hours. 37/12
		*		*			
38435	SILVER POINT RANGE REAR LIGHT 164 yards, 219.4° from front light.	42-08-40.40N 73-54-29.79W	F G	50		On skeleton tower.	Lighted throughout 24 hours. 37/12
		*	*	*			
*40105	Scott's Point Lighted Buoy 1	44-56-56.76N 72-13-05.46W	Fl G 4s			Green.	Private aid. 37/12
*40110	Indian Point Lighted Buoy 3	44-57-18.72N 72-13-25.68W	Fl G 4s			Green.	Private aid. 37/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1125	- Lighted Buoy 6	39-29-00.58N 74-18-07.58W	Q R		3	Red.	Replaced by nun from Nov. 15 to May 1. *
							37/12
17255	- ENTRANCE LIGHT 1W	38-14-29.42N 76-49-28.80W	Fl G 4s	18	5	SG on pile.	*
							37/12
17265	- Daybeacon 2W	38-15-13.48N 76-49-28.69W				TR on pile.	*
		*					37/12
23445	- Daybeacon 3	38-08-49.99N 75-49-07.17W				SG on pile.	*
		*	*	*	*		37/12
23643	- CHANNEL LIGHT 10	38-12-47.09N 76-00-18.00W	Fl R 4s	16	4	TR on multi-pile structure.	*
							37/12
26225	- Warning Buoy	38-45-10.42N 76-10-25.80W				White can with orange diamond.	Private aid.
		*				*	*
28701	- Lighted Buoy 3SF	35-11-28.76N 75-46-16.82W	Fl G 2.5s		4	Green.	*
		*					37/12
28736	- Channel Buoy 13A	35-12-14.03N 75-43-47.51W				Green can.	*
		*					37/12
35655	- LIGHT 163	39-26-33.68N 74-23-28.46W	Fl G 4s	15	4	SG-SY on pile.	*
		*					37/12
35675	- LIGHT 167	39-26-04.82N 74-24-11.62W	Q G	15	4	SG-SY on pile.	*
		*					37/12
35690	- Daybeacon 171	39-26-00.00N 74-24-54.02W				SG-SY on pile.	*
		*					37/12
35930	- Daybeacon 239	39-18-59.10N 74-33-27.74W				SG-SY on pile.	*
		*					37/12

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36160	- LIGHT 309	39-13-02.85N 74-39-17.16W	Fl G 4s	15	4	SG-SY on pile.	
		*					37/12
36165	- LIGHT 310	39-13-02.64N 74-39-19.57W	Fl R 2.5s	15	4	TR-TY on pile.	
		*					37/12
36180	- Daybeacon 314 70 feet west of channel limit.	39-12-38.87N 74-39-44.51W				TR-TY on pile.	
		*					37/12
36765	- LIGHT 14	38-56-58.01N 74-53-52.46W	Fl R 4s	15	4	TR-TY on pile.	
		*					37/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6540	- Lighted Buoy 4	30-42-50.94N 81-18-38.15W	Fl R 2.5s		5	Red.	
				*			37/12
6560	- Lighted Buoy 8	30-42-45.25N 81-20-47.73W	Fl R 6s		5	Red.	
				*			37/12
6650	- Lighted Buoy 20	30-42-35.29N 81-25-45.35W	Q R		4	Red.	
				*			37/12
9240	- BAR LIGHT 1	28-50-04.46N 81-18-58.23W	Fl G 4s	17	5	SG on pile.	
				*			37/12
9500	- Lighted Buoy 7	29-54-36.39N 81-16-53.29W	Fl G 4s		5	Green.	
				*			37/12
28370	- Lighted Buoy 4	28-43-35.97N 82-45-52.80W	Fl R 4s		3	Red nun.	
							37/12
45295	- LIGHT 197	27-23-24.20N 80-17-19.76W	Fl G 4s	14	5	SG-SY on pile.	
				*			37/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
190 3585	Point Hueneme Light	34-08-42.61N 119-12-35.87W	Fl (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	17	White square tower on building. 48	Obscured from 296° to 155°. HORN: (251 feet from light) 1 blast ev 30s (3s bl). The sound signal can be activated upon request to the US Coast Guard via VHF channel 16.
				*			37/12
2750	GULL ISLAND LIGHT						Remove from list. *
							37/12
3187.1	LOS ANGELES SHALLOW WATER HABITAT MARKER LIGHT	33-42-34.21N 118-16-10.76W	Oc W 3s	25	4	NW on post.	Private aid.
		*					37/12

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3585 190	- Light	34-08-42.61N 119-12-35.87W	Fl (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	17 48	White square tower on building.	Obscured from 155° to 296°. HORN: (251 feet from light) 1 blast ev 30s (3s bl). The sound signal can be activated upon request to the US Coast Guard via VHF channel 16.
				*			37/12
15065	STARKWEATHER LANDING LIGHT 17	45-23-33.65N 122-37-33.30W	Fl G 6s	21	5	SG on white house.	*
							37/12
16550	Point No Point Light	47-54-43.79N 122-31-36.53W	Fl (3) W 10s 0.1s fl 1.9s ec. 0.1s fl 1.9s ec. 0.1s fl 5.9s ec.	27	14 30	Black octagonal tower atop white building.	HORN: 1 blast ev 20s (2s bl).
						*	37/12
23485	POINT HARRIS LIGHT	56-17-25.75N 134-17-52.20W	Fl W 6s	32	7	NR on skeleton tower.	Obscured from 180° to 313°.
		*					37/12
26245	Halibut Point Daybeacon	59-35-46.04N 151-12-36.24W				NR on tower.	
		*					37/12

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14732 <i>F 2346</i>	Dumaguete, middle corner of wharf.	9° 18.8' N 123° 18.5' E	Fl.G. period 5s	38 12	8	White concrete tower; 34.	Visible 198° -359°. 37/12
		*	*				
16584 <i>M 4424</i>	Ch'uksan Hang.	36° 30.5' N 129° 27.1' E	Fl.W. period 5s	335 102	19	White octagonal concrete tower; 75.	*
		*		*	*	*	37/12
*16595 <i>M 4419</i>	Gyeonjeon Hang, E. breakwater.	36° 28.9' N 129° 26.1' E	Fl.R. period 4s	49 15	6	Red round concrete tower; 33.	37/12
*17161 <i>M 4308.45</i>	Jakgeum Hang.	34° 35.5' N 127° 45.9' E	Fl.R. period 5s	49 15	5	Red round concrete tower; 33.	37/12
17244 <i>M 4286</i>	Geomun Do.	34° 00.4' N 127° 19.4' E	Fl.W. period 15s	302 92	23	White hexagonal concrete tower; 108.	Visible 197° -109°. Every other flash intensified. Horn: 1 bl. ev. 50s (bl. 5s, si. 45s). DGPS Station.
		*		*	*	*	37/12
*19591 <i>F 3521.01</i>	Dawanshan Dao.	21° 55.6' N 113° 42.9' E	Fl.W. period 5s fl. 1s, ec. 4s	26 8	5	Metal framework; 13.	37/12
*19592 <i>F 3521.5</i>	Xiaowanshan Dao.	21° 56.6' N 113° 40.6' E	Fl.W. period 5s fl. 1s, ec. 4s	33 10	5	Metal framework; 16.	37/12
*19593 <i>F 3520.5</i>	Guizhou.	21° 59.2' N 113° 47.5' E	L.Fl.W. period 6s fl. 2s, ec. 4s	102 31	5	Metal framework tower; 13.	37/12
*19611 <i>F 3523.55</i>	Zhenxiang Dao.	22° 07.2' N 113° 50.1' E	Fl.W. period 8s fl. 1s, ec. 7s	69 21	5	Metal framework tower; 16.	37/12
27048 <i>F 0956</i>	-Entrance. 082° from church.					Remove from list.	*
							37/12
28880 <i>D 7680</i>	Ra's-e Nay Band.	27° 21.7' N 52° 36.4' E	Fl.W. period 5s	95 29	15		37/12
		*					

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *-Ormos Falirou:							
*15551 - Neo Falirou Marina, Outer N. <i>E 4187.5</i> mole, head.							
		37° 56.4' N 23° 40.1' E	F.I.R. period 3s fl. 0.3s, ec. 2.7s	26 8	3	White metal framework, gallery, metal column and red band.	37/12
*15551.1	--Inner N. mole, head. <i>E 4187.51</i>	37° 56.4' N 23° 40.1' E	Q.R.	30 9	3	Metal framework, gallery, metal column and red band.	37/12
*15551.2	--Inner S. mole, head. <i>E 4187.52</i>	37° 56.4' N 23° 40.1' E	Q.G.	26 8	3	Metal framework, gallery, metal column and green band.	37/12
*15551.5	--Outer S. mole, head. <i>E 4187.53</i>	37° 56.3' N 23° 40.0' E	F.I.G. period 3s fl. 0.5s, ec. 2.5s	33 10	6	Metal framework, gallery, metal column and green band.	37/12
*15553	- River Iliisos. Mouth, center. <i>E 4187.54</i>	37° 56.4' N 23° 40.8' E	F.I.Y. period 3s fl. 0.3s, ec. 2.7s	20 6	3	Metal framework, gallery, metal column and yellow band.	37/12
15560	- Submerged breakwater. <i>E 4188.2</i>	37° 56.1' N 23° 41.1' E	Q.G.	20 6	4	White hexagonal hut on pedestal, green band; 10.	37/12
16740	-S. breakwater, head. <i>E 4541</i>					Remove from list.	
*18205 - Zhelezny Port. <i>E 5250</i>							
		46° 06.7' N 32° 19.1' E	Iso.R. period 6s	69 21	11	Lantern on roof of white building; 39.	Visible 285°-105°.
							37/12

SUMMARY OF CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12612 - Steinslandsstrumen, W. side of <i>L 3318</i> channel.							
* * * * *							
12616	- Langkvitneset. <i>L 3320</i>	68° 37.9' N 16° 35.4' E	Oc.W.R.G. period 6s	15 5	W. 11 R. 9 G. 8	Tripod; 20.	G.022° 42' -028° 36', W.-035° 18', R.-171° 30', G.-200° 12', R.-206° 54', W.-209° 12', G.-218°.
							*
							36/12
							36/12

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

SUMMARY OF CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12624 <i>L 3326</i>	-Rollnesholmene, on Storholme.	68° 43.4' N 16° 46.4' E	Iso.W.R.G. period 6s	54 16	W. 8 R. 6 G. 6	Iron hut on structure; 10.	G. 253°-266°, R.-286°, W.-318°, G.-039°, W.-063°, R.-111°30', W.-113°30', G.-134°30', W.- 194°, R.-229°.
		*			*	*	*
12636 <i>L 3330</i>	-Harstad, Tjuvholmen.	68° 48.0' N 16° 37.3' E	Oc.W.R.G. period 6s	33 10	W. 5 R. 3 G. 3	Cairn; 16.	G. 335°-016°, W.-020°, R.-089°, W.-168°, R.-210°30', W.-335°.
		*	*		*	*	36/12
12660 <i>L 3343.5</i>	Kverna, shoal NW. of Sandoy.	68° 58.5' N 16° 35.9' E	Fl.W. period 3s	20 6	3	Iron perch.	Marks shoal.
		*		*	*		36/12
17804 <i>L 4314</i>	-Kapp Linne, N. point of cape.	78° 03.8' N 13° 36.5' E	Fl.W. period 10s	68 21	10	Red tower, white stripe, white lantern; 33.	Various Aero.Fl.W. lights shown in Svalbard. Radar station.
		*	*		*	*	32/12
17809 <i>L 4317.7</i>	-Kapp Heer.	78° 06.2' N 14° 11.7' E	F.R.	59 18		Pyramid.	Shown from Sep. 10 to Nov. 15. Private light.
		*		*		*	32/12
17842 <i>L 4331</i>	-Sarstangen, AVIATION LIGHT.	78° 43.6' N 11° 27.8' E	Fl.W.	33 10		Red pyramid.	
-RACON		T(-)					
		*		*			32/12

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10706 <i>C 6045.8</i>	Ingaskar.						Remove from list.
							*
							37/12
12664 <i>C 3622</i>	-Roomassaare Range, front.	58° 12.8' N 22° 30.3' E	Oc.W.R.G. period 4s lt. 3s, ec. 1s	46 14	7	Red framework tower, black rectangular daymark, white stripe; 39.	W.276°30'-006°30', Obsc.-015°, G.-024°, W.-030°, R.-039°.
				*			37/12
12664.1 <i>C 3622.1</i>	--Rear, 721 meters 321°30' from front.	58° 13.1' N 22° 29.9' E	Oc.W. period 4s lt. 1s, ec. 3s	108 33	6	Framework tower, black rectangular daymark, white stripe; 98.	Visible 318°30'-324°30' .
		*		*			37/12
12679 <i>C 3710</i>	-Lou Range, front.	58° 06.3' N 22° 10.8' E	Q.(4)W.R.G. period 15s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 11.5s	39 12	W. 7 R. 3 G. 3	White round concrete tower, balcony and lantern; 29.	G. 013°54' -101°, W.-105°, R.- 192°18' .
		*		*			37/12

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12680 <i>C 3710.1</i>	--Rear, 3128 meters 103° 06' from front. Ansekula.	58° 06.0' N 22° 14.0' E	Fl.W. period 1.5s fl. 0.5s, ec. 1s	144 44	9	Square concrete tower, black upper part, white lower part; 95.	*
*	*	*	*	*	*		37/12

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION III

NM 37/12

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 061400Z September 2012:

2011 series	2012 series	283(24)	427(24)	470(28)	506(51)
385(28)	40(28)	286(GEN)	452(14,15)	498(11)	510(GEN)
404(GEN)	272(28)	416(24)	460(24,25)	500(GEN)	

The summary of all NAVAREA IV messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

NAVAREA IV WARNINGS issued from 291200Z August to 061400Z September 2012.

488/12 thru 497/12. CANCELED.

498/12(11).

GULF OF MEXICO.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 19 SEP BY
M/V BOA THALASSA VICINITY OF TRACKLINES BETWEEN:
A. 26-39-49.2N 085-30-22.8W AND
27-30-15.0N 086-39-44.4W.
B. 27-04-29.4N 086-56-39.6W AND
28-05-04.2N 086-06-34.2W.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 20 SEP 12.

(010627Z SEP 2012)

499/12. CANCELED.

500/12(GEN).

1. NAVAREA IV WARNINGS IN FORCE 010900Z SEP 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 416(24), 427(24), 452(14,15), 460(24,25),
470(28), 481(14,38), 488(15), 495(GEN), 496(51), 497(GEN),
498(11), 499(GEN).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12 AND 26/12.
3. CANCEL NAVAREA IV 476/12, 491/12.

(011018Z SEP 2012)

501/12 thru 505/12. CANCELED.

506/12(51).

NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL
07 SEP BY M/V THALASSA IN AREA BETWEEN
25-00N 27-00N AND 035-00W 037-00W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 08 SEP 12.

(041504Z SEP 2012)

507/12 thru 509/12. CANCELED.

510/12(GEN).

NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.

1. 060001Z SEP ICEBERG LIMIT:
53-00N 055-55W, 53-30N 051-00W, 55-00N 051-00W,
60-00N 058-30W.
2. REPORT POSITION AND TIME OF ANY ICEBERGS OR
STATIONARY RADAR TARGETS THAT MAY LIKELY BE ICEBERGS TO
THE NEAREST CANADIAN COAST GUARD MARINE COMMUNICATIONS
AND TRAFFIC SERVICE STATION OR USING INMARSAT CODE 42.
3. CANCEL THIS MSG 070001Z SEP 12.

(052146Z SEP 2012)

SECTION III

HYDROLANTS

Messages in force 061400Z September 2012:

2008 series	2299(54)	1322(24)	1752(37)	1971(51)	2025(37)
1354(24)	2300(54)	1332(24)	1768(43)	1973(24)	2026(44)
1463(24)	2012 series	1348(24)	1801(37)	1974(24)	2028(54,55)
1852(37)	101(24)	1352(36)	1813(27)	1977(51)	2029(54,56)
2010 series	117(53)	1365(24)	1828(36)	1983(37)	2030(35)
845(24)	168(51)	1367(24)	1829(25)	1986(35,43)	2031(35,36)
2011 series	208(24)	1378(24)	1835(57)	1992(52)	2032(36)
483(24)	326(36)	1491(35)	1848(37)	1993(52)	2033(24)
881(56)	336(24)	1502(35)	1850(43)	1995(51)	2034(54)
1291(37)	344(35)	1551(37,43)	1853(36,37)	1996(51)	2035(35)
1314(52)	441(24)	1564(24)	1855(57)	1998(54)	2036(GEN)
1318(35)	536(51)	1589(57)	1875(GEN)	2003(51)	2038(54)
1331(37,43)	567(37)	1597(24)	1876(52,53)	2004(24)	2040(25)
1401(24)	641(35,43)	1598(24)	1879(43)	2008(24)	2048(55)
1617(43)	645(52)	1607(37)	1881(GEN)	2009(24)	2049(24)
1652(35)	751(37)	1646(43)	1883(55)	2010(24)	2052(53)
1681(24)	847(24)	1661(37)	1908(24)	2014(37,43)	2053(55)
1879(24)	976(24)	1670(57,61)	1912(37)	2016(43)	2056(24)
1880(GEN)	1027(51)	1683(52,53)	1914(57)	2017(24)	2057(24)
1966(37)	1116(44)	1699(57)	1931(53)	2018(24)	
2296(54)	1162(57)	1711(37)	1943(24)	2020(GEN)	
2297(54)	1174(56)	1721(53)	1956(24)	2021(55)	
2298(54)	1281(24)	1731(11,26)	1964(25)	2024(37)	

The summary of all HYDROLANTS in force as of 22 December 2011 is given in Section III of NM 53/11.
Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

HYDROLANT WARNINGS issued from 291200Z August to 061400Z September 2012.

1989/12 thru 1991/12. CANCELED.

1992/12(52).

TUNISIA-NORTHEAST COAST.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 01 THRU 30 SEP
IN AREA BETWEEN
37-45N 38-00N AND 010-15E 010-30E.
2. CANCEL THIS MSG 01 OCT 12.

(291638Z AUG 2012)

1993/12(52).

TUNISIA-NORTHEAST COAST.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 01 THRU 30 SEP
IN AREA BETWEEN
35-30N 35-40N AND 011-30E 011-50E.
2. CANCEL HYDROLANT 1978/12(35), AID RESTORED.
3. CANCEL THIS MSG 01 OCT 12.

(291649Z AUG 2012)

1994/12. CANCELED.

1995/12(51).

EASTERN NORTH ATLANTIC.

SIERRA LEONE.

1. SEISMIC SURVEY 01 SEP THRU 30 NOV BY
M/V GEO PACIFIC IN AREA BOUND BY
12-20.13N 016-43.03W, 12-00.00N 016-59.38W,
12-00.00N 017-18.00W, 12-18.26N 017-18.00W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1987/12.
3. CANCEL THIS MSG 01 DEC 12.

(292251Z AUG 2012)

1996/12(51).

EASTERN NORTH ATLANTIC.

MOROCCO.

WESTERN SAHARA.

GUNNERY.

1. GUNNERY EXERCISES 0800Z TO 1800Z DAILY
03 SEP THRU 31 DEC WITHIN 20 MILES OF:

SECTION III

- A. 33-41N 008-03W
BETWEEN 270 DEGREES AND 360 DEGREES.
 - B. 29-53N 010-15W
BETWEEN 270 DEGREES AND 360 DEGREES.
 - C. 27-00N 013-50W
BETWEEN 270 DEGREES AND 360 DEGREES.
 - D. 23-35N 017-00W
BETWEEN 270 DEGREES AND 360 DEGREES.
2. CANCEL THIS MSG 311900Z DEC 12.

(300026Z AUG 2012)

1997/12. CANCELED.

1998/12(54).

- STRAIT OF OTRANTO.
- 1. FIVE METER VESSEL, WHITE HULL, TEN PERSONS ON BOARD,
DISABLED AND ADRIFT VICINITY 40-00N 019-00E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.
 - 2. CANCEL HYDROLANT 1949/12.

(301256Z AUG 2012)

1999/12 thru 2002/12. CANCELED.

2003/12(51).

- NORTH ATLANTIC.
- DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN
34-00N 030-00W AT 301500Z AUG. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC DELGADA,
TELEX: 12587, PHONE: 35 129 628 1777,
FAX: 35 129 620 5239.

(302248Z AUG 2012)

2004/12(24).

- BRAZIL-NORTHEAST COAST.
GUNNERY.
- 1. GUNNERY EXERCISES 0800Z TO 2100Z DAILY
03 SEP THRU 11 OCT:
 - A. IN AREA BOUND BY
05-42.53S 034-45.02W, 06-09.83S 034-46.82W,
06-03.93S 034-57.22W, 05-47.03S 034-56.32W.
 - B. WITHIN 32 MILES OF 05-54.53S 035-14.92W.
 - 2. CANCEL THIS MSG 112200Z OCT 12.

(302353Z AUG 2012)

2005/12 thru 2007/12. CANCELED.

2008/12(24).

- BRAZIL-NORTH COAST.
CHART 24290
SALINOPOLIS LIGHT 00-36.9S 047-21.4W UNLIT.

(310038Z AUG 2012)

2009/12(24).

- BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
- 1. HAZARDOUS OPERATIONS 1100Z TO 2000Z DAILY
03 SEP THRU 28 SEP IN AREA BOUND BY
23-27.03S 043-52.03W, 23-30.03S 043-50.03W,
24-08.03S 044-35.03W, 23-45.03S 044-44.03W.
 - 2. CANCEL THIS MSG 282100Z SEP 12.

(310043Z AUG 2012)

2010/12(24).

- BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
- 1. HAZARDOUS OPERATIONS 1100Z TO 2000Z DAILY
03 SEP THRU 28 SEP IN AREA BOUND BY
24-12.85S 046-08.31W, 24-15.03S 045-36.03W,
23-52.03S 044-52.03W, 24-17.35S 044-40.00W,
24-54.71S 046-23.71W.
 - 2. CANCEL THIS MSG 282100Z SEP 12.

(310046Z AUG 2012)

SECTION III

NM 37/12

2011/12 thru 2013/12. CANCELED.

2014/12(37,43).

NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V POLARCUS ADIRA TOWING EIGHT 6000 METER LONG CABLES
IN AREA BETWEEN
56-01N 56-39N AND 001-08E 001-28E.

WIDE BERTH REQUESTED.

(311747Z AUG 2012)

2015/12. CANCELED.

2016/12(43).

ARCTIC.

BARENTS SEA.

1. SEISMIC SURVEY 01 SEP UNTIL FURTHER NOTICE
BY M/V OSPREY EXPLORER TOWING 12000 METER
LONG CABLE IN AREA BOUND BY
73-39.1N 022-15.1E, 73-27.8N 032-22.3E,
72-20.8N 032-18.7E, 72-32.9N 026-20.8E,
73-07.9N 021-59.8E.

EIGHT MILE BERTH REQUESTED.

2. CANCEL HYDROLANT 1633/12.

(312140Z AUG 2012)

2017/12(24).

BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY 010300Z TO 080259Z SEP BY
M/V NPS SANCO STAR AND M/V OCEAN EUROPE
TOWING 300 METER LONG CABLES IN AREA BOUND BY
22-19.43S 040-01.55W, 22-22.65S 039-56.32W,
22-25.15S 039-58.08W, 22-22.03S 040-03.38W.
SIX MILE BERTH REQUESTED.

2. CANCEL THIS WARNING 080359Z SEP 12.

(010102Z SEP 2012)

2018/12(24).

BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY 010300Z TO 080259Z SEP BY
M/V NPS WG COOK TOWING 12 FIVE MILE LONG CABLES
IN AREA BOUND BY
25-42S 044-02W, 25-06S 043-37W,
26-03S 041-57W, 26-39S 042-22W.
SIX MILE BERTH REQUESTED.

2. CANCEL THIS MSG 080359Z SEP 12.

(010127Z SEP 2012)

2019/12. CANCELED.

2020/12(11).

1. HYDROLANT WARNINGS IN FORCE 010900Z SEP 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2012 SERIES: 1661(37), 1670(57,61), 1683(52,53), 1699(57),
1711(37), 1721(53), 1731(11,26), 1733(35,43), 1752(37),
1768(43), 1800(43), 1801(37), 1813(27), 1828(36), 1829(25),
1835(57), 1848(37), 1850(43), 1853(36,37), 1855(57),
1875(1GEN), 1876(52,53), 1879(43), 1881(1GEN), 1883(55),
1908(24), 1912(37), 1914(57), 1931(53), 1932(37), 1943(24),
1944(55), 1956(24), 1964(25), 1967(14,38), 1970(55), 1971(51),
1973(24), 1974(24), 1977(51), 1980(24), 1983(37), 1986(35,43),
1989(56), 1990(55), 1991(55), 1992(52), 1993(52), 1994(51),
1995(51), 1996(51), 1997(24), 1998(54), 1999(54,56), 2003(51),
2004(24), 2005(24), 2006(24), 2007(24), 2008(24), 2009(24),
2010(24), 2012(24), 2014(37,43), 2015(36), 2016(43), 2017(24),
2018(24), 2019(24).

2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12 AND 26/12.

3. CANCEL HYDROLANT 356/12, 1583/12, 1759/12,
1812/12, 1909/12, 1919/12, 1954/12,
1960/12, 2001/12.

(011021Z SEP 2012)

2021/12(55).

SEA OF MARMARA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 24 MAR 13
BY M/V DEEP BLUE AND M/V ALESTA DALGICLIK
VICINITY OF TRACKLINE JOINING
40-57.89N 028-41.43E, 40-56.74N 028-42.33E,

40-55.51N 028-50.89E, 40-53.82N 028-57.80E,
40-50.01N 029-07.13E, 40-50.76N 029-11.13E.
WIDE BERTH REQUESTED.

2. CANCEL THIS MSG 25 MAR 13.

(011244Z SEP 2012)

2022/12 and 2023/12. CANCELED.

2024/12(37).
ENGLAND-SOUTH COAST.
CHART 37017

1. NAB LIGHT 50-40.1N 000-57.1W CHANGED TO:
FL (2) 5 SEC 5 MILES, RACON AND
FOG SIGNAL INOPERATIVE.
2. CANCEL HYDROLANT 1932/12.

(021928Z SEP 2012)

2025/12(37).
SOUTHERN NORTH SEA.
CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP RENE DESCARTES WITH SUBMERSIBLE
WITHIN ONE MILE OF 52-21N 002-54E.
WIDE BERTH REQUESTED.

(030415Z SEP 2012)

2026/12(44).
EASTERN BALTIK SEA.
LITHUANIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0700Z TO 1300Z DAILY
06 AND 07 SEP IN AREA BOUND BY
55-37N 020-46E, 55-34N 021-00E,
55-25N 021-00E, 55-22N 020-46E,
55-25N 020-42E, 55-34N 020-42E.
2. CANCEL THIS MSG 071400Z SEP 12.

(030611Z SEP 2012)

2027/12. CANCELED.

2028/12(54.55).
AEGEAN SEA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 10 SEP
BY M/V TCG CUBUKLU IN AREA BOUND BY
40-02.9N 026-07.9E, 40-02.1N 025-44.7E,
39-33.4N 025-39.4E, 39-31.7N 026-04.3E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 SEP 12.

(031240Z SEP 2012)

2029/12(54.56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 041930Z TO 042230Z,
051330Z TO 051630Z, 060130Z TO 060430Z,
070130Z TO 070430Z, 080730Z TO 081030Z
AND 081330Z TO 081630Z SEP
IN AREAS BOUND BY:
A. 34-25N 034-00E, 34-31N 034-10E,
34-25N 034-20E, 34-00N 034-08E,
34-10N 034-00E.
B. 34-23N 034-24E, 34-15N 034-36E,
34-00N 034-33E, 34-00N 034-14E.
2. CANCEL THIS MSG 081730Z SEP 12.

(031249Z SEP 2012)

2030/12(35).
SCOTLAND-WEST COAST.
NAVTEX.
NAVTEX STATION PORTPATRICK OFF AIR.

(031306Z SEP 2012)

2031/12(35,36).
EASTERN NORTH ATLANTIC.
CELTIC SEA.
1. CONTAINERS ADRIFT VICINITY:
A. 50-12N 012-53W.
B. 49-52N 013-31W.
C. 50-24N 011-49W.
D. 50-15N 011-25W.
2. LIFEBOAT ADRIFT VICINITY
49-54N 011-46W AT 021625Z SEP.
3. CANCEL THIS MSG 061327Z SEP 12.

(031328Z SEP 2012)

SECTION III

NM 37/12

2032/12(36).

EASTERN NORTH ATLANTIC.
CELTIC SEA.

1. LIFEBOAT ADRIFT VICINITY 49-41N 011-18W
AT 031145Z SEP.
2. CANCEL THIS MSG 061331Z SEP 12.

(031332Z SEP 2012)

2033/12(24).

BRAZIL-SOUTH COAST.
CHART 24140

1. GUARAU ISLAND LIGHT 24-22.9S 046-59.2W UNLIT.
2. CANCEL HYDROLANT 2019/12.

(031345Z SEP 2012)

2034/12(54).

AEGEAN SEA.
HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0500Z TO 1200Z DAILY
03 THRU 06, 10 THRU 13, 17 THRU 20,
24 THRU 27 SEP, 01 THRU 05, 08 THRU 12,
15 THRU 19, 22 THRU 26 OCT,
0600Z TO 1300Z DAILY 29 THRU 31 OCT
IN AREA BOUND BY
36-56N 023-29E, 36-42N 023-32E,
36-41N 023-48E, 36-47N 023-55E.
2. CANCEL THIS MSG 311400Z OCT 12.

(031919Z SEP 2012)

2035/12(35).

IRELAND-NORTHWEST COAST.
CHART 35128
RATHLIN O'BIRNE ISLAND LIGHT 54-40N 008-50W
RANGES REDUCED TO 12 AND 10 MILES.

(032140Z SEP 2012)

2036/12(GEN).

EUROPE-NORTHWEST COAST.
1. LORAN-C STATION ANTHORN, RATE 6731-Y,
OFF AIR 060900Z TO 061600Z SEP.
2. CANCEL THIS MSG 061700Z SEP 12.

(032148Z SEP 2012)

2037/12. CANCELED.

2038/12(54).

ADRIATIC SEA.
CROATIA TO ITALY.
9.5 METER S/V PAPILLON, WHITE HULL, FOUR PERSONS ON BOARD,
UNREPORTED SALI (43-56N 015-10E) TO ANCONA (43-37N 013-31E).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE, REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 390 6590 84527,
390 6590 84409, FAX: 390 6592 2737,
390 5908 4793, E-MAIL: ITMRCC@MIT.GOV.ITBT.

(040113Z SEP 2012)

2039/12. CANCELED.

2040/12(25).

EASTERN CARIBBEAN SEA.
MARTINIQUE TO SAINT LUCIA.
EIGHT METER F/V COCO LAPIN, THREE PERSONS ON BOARD,
OVERDUE MARTINIQUE (14-30N 061-00W) TO
SAINT LUCIA (14-01N 060-59W). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC FORT DE FRANCE, TELEX: 42912008,
PHONE: 59 659 670 9292, FAX: 59 659 663 2450.

(040610Z SEP 2012)

2041/12 thru 2047/12. CANCELED.

2048/12(55).

BLACK SEA.
UKRAINE.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGE GMC PRIDE ALONG TRACKLINES BETWEEN:
A. 45-42.3N 031-52.4E AND 45-41.0N 031-49.0E.
B. 45-40.5N 031-47.8E AND 45-22.2N 030-55.5E.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2044/12.

(050012Z SEP 2012)

SECTION III

2049/12(24).

BRAZIL-NORTH COAST.

1. SEISMIC SURVEY BY M/V HAWK EXPLORER TOWING
6.5 MILE LONG CABLES:
 - A. IN PROGRESS ALONG TRACKLINE BETWEEN
05-11.08N 047-58.13W AND 03-36.40N 048-21.52W.
 - B. 05 SEP ALONG TRACKLINE BETWEEN
04-49.25N 050-46.47W AND 04-16.02N 049-28.65W.
 - C. 06 SEP ALONG TRACKLINE BETWEEN
05-28.58N 050-47.32W AND 05-03.35N 050-18.47W.
 - D. 07 SEP ALONG TRACKLINE BETWEEN
05-30.62N 050-45.55W AND 04-14.08N 049-18.30W.
 - E. 08 SEP ALONG TRACKLINE BETWEEN
05-30.62N 050-45.55W AND 04-14.08N 049-18.30W.
 - F. 09 SEP ALONG TRACKLINE BETWEEN
05-34.70N 050-42.02W AND 04-18.15N 049-14.73W.
- EIGHT MILE BERTH REQUESTED.
2. CANCEL THIS MSG 10 SEP 12.

(050147Z SEP 2012)

2050/12 and 2051/12. CANCELED.

2052/12(53).

STRAIT OF SICILY.

MAN OVERBOARD FROM F/V GIUSEPPE SCHIAVONE IN 35-11N 013-07E.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 MRCC ROME, INMARSAT-C: 424744220,
 PHONE: 390 6590 84527, 390 6590 84409,
 FAX: 390 6592 2737, 390 5908 4793,
 E-MAIL: ITMRCC@MIT.GOV.IT,
 UFFICIO3.REPARTO3@MIT.GOV.IT,
 CGCP3REP4@MIT.GOV.IT.

(051209Z SEP 2012)

2053/12(55).

BLACK SEA.

UKRAINE-SOUTH COAST.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0430Z TO 2130Z DAILY 07,
 10 THRU 14 SEP AND 0430Z TO 1000Z DAILY 08 AND
 15 SEP IN AREA BOUND BY
 45-03.5N 036-22.4E, 44-49.5N 036-21.9E,
 44-45.0N 036-11.9E, 44-45.0N 035-56.9E,
 44-49.6N 035-50.4E, 44-59.0N 035-50.4E.
2. CANCEL THIS MSG 151100Z SEP 12.

(051328Z SEP 2012)

2054/12 and 2055/12. CANCELED.

2056/12(24).

BRAZIL-SOUTH COAST.

CHART 24151

PONTA DAS CANAS LIGHT 23-43.7S 045-20.5W UNLIT.

(060824Z SEP 2012)

2057/12(24).

BRAZIL-SOUTH COAST.

CHART 24150

RACON AT PONTA DO BOI LIGHT 23-58S 045-15W INOPERATIVE.

(060826Z SEP 2012)

2058/12. CANCELED.

SECTION III

NM 37/12

NAVAREA XII

Messages in force 061400Z September 2012:

2012 series	181(21)	223(19,83)	238(GEN)	242(16)
110(97)	200(17)	237(18)	239(19)	243(16)

The summary of all NAVAREA XII messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

NAVAREA XII WARNINGS issued from 291200Z August to 061400Z September 2012.

236/12. CANCELED.

237/12(18).

EASTERN NORTH PACIFIC.
CALIFORNIA.
MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY IN AREA BOUND BY 34-02N 119-04W, 33-52N 119-06W, 33-29N 118-37W, 33-20N 118-37W, 32-11N 120-16W, 31-54N 121-35W, 35-09N 123-39W, 35-29N 123-00W, 35-57N 121-32W, 34-04N 119-04W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON VHF CHANNEL 11 OR 16 BEFORE ENTERING AREA AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS POSSIBLE DURING THE SPECIFIC PERIODS. AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING IN VICINITY OF THE SEA RANGE IF TRANSITING VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 198/12.

(010808Z SEP 2012)

238/12(GEN).

1. NAVAREA XII WARNINGS IN FORCE 010900Z SEP 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 200(17), 205(GEN), 223(19,83), 237(18).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12 AND 26/12.
3. CANCEL NAVAREA XII 230/12.

(011023Z SEP 2012)

239/12(19).

EASTERN NORTH PACIFIC.
1. EPIRB OVERBOARD IN 39-34.4N 151-52.3W.
NO DISTRESS EXISTS.

2. CANCEL THIS MSG 081115Z SEP 12.

(051120Z SEP 2012)

240/12 and 241/12. CANCELED.

242/12(16).

NORTH PACIFIC.
ALASKA.
CHART 16011
COLD BAY DGPS STATION 55-11.4N 162-42.3W UNUSABLE.

(051919Z SEP 2012)

243/12(16).

ALASKA-SOUTH COAST.
CHART 16580
KODIAK DGPS STATION 57-37.1N 152-11.6W UNUSABLE.

(061021Z SEP 2012)

SECTION III

1. GUNNERY EXERCISES 2300Z TO 0400Z COMMENCING DAILY
02 THRU 06, 09 THRU 13, 16 THRU 20 AND 23 THRU 27 SEP,
0600 TO 0900Z DAILY 03 THRU 07, 10 THRU 14, 17 THRU 21
AND 24 THRU 28 SEP IN AREA BOUND BY
22-26.9N 122-00.5E, 21-32.9N 122-00.5E,
21-41.9N 121-40.5E, 22-14.9N 121-40.5E.
2. CANCEL THIS MSG 281000Z SEP 12.

(291457Z AUG 2012)

2480/12(94).
TAIWAN STRAIT.
GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY
03 THRU 07, 10 THRU 14, 17 THRU 21
AND 24 THRU 28 SEP:
 - A. IN AREA BETWEEN
23-29.9N 23-39.9N AND 119-05.5E 119-15.5E.
 - B. WITHIN TEN MILES OF 23-34.9N 119-10.5E.
2. CANCEL THIS MSG 281000Z SEP 12.

(291505Z AUG 2012)

2481/12. CANCELED.

2482/12(94).
TAIWAN STRAIT.
GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
04 THRU 07 SEP:
 - A. IN AREA BOUND BY
25-48.0N 120-48.0E, 25-48.0N 121-20.0E,
24-52.0N 120-23.0E, 24-52.0N 119-55.0E.
 - B. WITHIN 31 MILES OF 25-20.0N 120-37.5E.
2. CANCEL THIS MSG 070900Z SEP 12.

(301437Z AUG 2012)

2483/12. CANCELED.

2484/12(94).
TAIWAN STRAIT.
GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
03 THRU 06, 09 THRU 11, 17 AND 18 SEP,
0530Z TO 0930Z DAILY 04 THRU 07, 10 THRU 12,
18 AND 19 SEP:
 - A. IN AREA BOUND BY
23-43.0N 122-05.0E, 23-43.0N 122-38.0E,
23-20.0N 122-38.0E, 23-00.0N 122-05.0E.
 - B. WITHIN 31 MILES OF 23-26.5N 122-21.5E.
2. CANCEL THIS MSG 191030Z SEP 12.

(301503Z AUG 2012)

2485/12(94).
TAIWAN STRAIT.
GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
03 THRU 20 SEP AND 0530Z TO 0930Z DAILY
04 THRU 21 SEP:
 - A. IN AREA BOUND BY
23-51N 118-54E, 23-34N 119-15E
23-04N 118-23E, 23-08N 118-13E.
 - B. WITHIN 15 MILES OF 23-27N 118-50E.
2. CANCEL THIS MSG 211030Z SEP 12.

(301525Z AUG 2012)

2486/12(63).
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0900Z TO 1200Z DAILY
04, 07, 11, 14, 18, 21, 25 AND 28 SEP,
1230Z TO 1430Z DAILY 07 AND 25 SEP
IN AREA BOUND BY
09-57.5N 075-59.5E, 09-57.7N 076-14.2E,
09-44.0N 076-17.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 281300Z SEP 12.

(301542Z AUG 2012)

2487/12 thru 2499/12. CANCELED.

SECTION III

NM 37/12

2500/12(93).

SOUTH CHINA SEA.

GULF OF TONKIN.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV
BY VESSEL TOWING SIX 6000 METER LONG
CABLES IN AREA BOUND BY
17-24N 109-14E, 17-47N 109-52E,
17-10N 110-15E, 17-05N 110-06E,
17-12N 109-22E.

2. CANCEL THIS MSG 01 DEC 12.

(310829Z AUG 2012)

2501/12. CANCELED.

2502/12(81).

NORTH PACIFIC.

MARIANA ISLANDS.

1. UNDERWATER OPERATIONS BY M/V NATSUSHIMA
WITH SUBMERSIBLE:
 - A. 05 AND 06 SEP IN AREA BETWEEN
16-00N 16-45N AND 145-20E 146-05E.
 - B. 08 AND 09 SEP IN AREA BETWEEN
13-46N 13-49N AND 145-58E 146-02E.

2. CANCEL THIS MSG 10 SEP 12.

(311540Z AUG 2012)

2503/12(22).

EASTERN SOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1200Z TO 2100Z DAILY
03 THRU 07 SEP IN AREA BETWEEN
19-27S 20-12S AND 071-26W 071-00W.

2. CANCEL THIS MSG 072200Z SEP 12.

(312314Z AUG 2012)

2504/12(22).

EASTERN SOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1200Z TO 1500Z DAILY
05 THRU 07 SEP IN AREA BETWEEN
32-52.0S 32-59.0S AND 071-53.5W 071-45.0W.

2. CANCEL THIS MSG 071600Z SEP 12.

(312335Z AUG 2012)

2505/12(22).

EASTERN SOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 050700Z TO 070259Z SEP
IN AREA BETWEEN
36-30.0S 36-13.5S AND 073-33.0W 073-07.0W.

2. CANCEL THIS MSG 070359Z SEP 12.

(010008Z SEP 2012)

2506/12(63).

INDIA-EAST COAST.

CHART 63280

NAVIGATION PROHIBITED WITHIN TWO MILES OF
16-15.63N 082-11.21E DUE TO GAS LEAK.

(010647Z SEP 2012)

2507/12(GEN).

1. HYDROFAC WARNINGS IN FORCE 010900Z SEP 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 2084(93), 2103(57,61), 2118(63), 2133(94),
2167(71), 2198(GEN), 2233(74), 2316(63), 2321(97), 2333(61),
2348(94), 2350(97), 2365(GEN), 2366(76,83), 2375(74), 2377(94),
2389(94,97), 2403(93), 2408(63), 2414(62), 2428(93), 2431(62),
2432(62), 2439(93), 2440(83), 2442(96), 2450(63), 2452(81),
2454(21), 2455(97), 2457(22), 2459(93), 2471(63), 2475(95),
2476(95), 2477(95), 2478(94), 2479(94), 2480(94), 2482(94),
2484(94), 2485(94), 2486(63), 2489(63), 2498(22), 2500(93),
2502(81), 2503(22), 2504(22), 2505(22), 2506(63).
2. THE SUMMARY OF ALL HYDROFAC WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12 AND 26/12.
3. CANCEL HYDROFAC 2349/12, 2386/12, 2390/12,
2429/12, 2446/12, 2461/12, 2490/12, 2497/12.

(011034Z SEP 2012)

2508/12. CANCELED.

2509/12(22).

EASTERN SOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 061430Z TO 062230Z SEP
IN AREA BOUND BY
35-58S 073-42W, 36-15S 073-11W,
36-30S 073-10W, 36-48S 073-39W.
2. CANCEL THIS MSG 062330Z SEP 12.

(011115Z SEP 2012)

2510/12(81).

NORTH PACIFIC.

MARIANA ISLANDS.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 2000Z TO 1300Z
COMMENCING DAILY 02 THRU 07 SEP
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 081400Z SEP 12.

(020058Z SEP 2012)

2511/12(95).

SEA OF JAPAN.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM VESSEL LIAODANYU
IN 40-28-00N 132-09-38E AT 012339Z SEP. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VLADIVOSTOK,
INMARSAT-C: 492500379, PHONE: 742 3249 5522,
742 3222 7782, FAX: 742 3249 5895,
E-MAIL: VLDVMRCC@VLD.PMA.RU.

(020342Z SEP 2012)

2512/12(22).

EASTERN NORTH PACIFIC.

69 METER F/V MIRELUR REPORTS CREWMAN REQUIRING MEDICAL
ASSISTANCE IN 02-44N 114-44W. VESSELS IN VICINITY ABLE
TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST
IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(020604Z SEP 2012)

2513/12(22).

EASTERNSOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 061300Z TO 061500Z SEP
IN AREA BETWEEN
28-20S 28-25S AND 071-20W 071-25W.
2. CANCEL THIS MSG 061600Z SEP 12.

(020640Z SEP 2012)

2514/12(63).

INDIA-WEST COAST.

GULF OF KHAMBHAT.

CHART 63091

1. SHOALS REPORTED IN:

- A. 21-24.9N 072-20.4E.
- B. 21-40.9N 072-22.5E.

2. CANCEL HYDROPAC 1611/12.

(020756Z SEP 2012)

2515/12(22).

EASTERNSOUTH PACIFIC.

CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 071100Z TO 071700Z SEP
IN AREA BETWEEN
36-25.0S 36-35.0S AND 073-35.2W 073-48.0W.
2. CANCEL THIS MSG 071800Z SEP 12.

(020805Z SEP 2012)

2516/12 and 2517/12. CANCELED.

2518/12(74).

AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM STERLING IN AREA BETWEEN
19-39.2S 20-17.7S AND 112-58.3E 113-42.5E.
SIX MILE BERTH REQUESTED.

(030447Z SEP 2012)

SECTION III

NM 37/12

2519/12 thru 2524/12. CANCELED.

2525/12(22).

EASTERN SOUTH PACIFIC.
PERU.

1. DERECLIC F/V KATHY PARTIALLY SUBMERGED
AND ADRIFT IN 04-32S 082-35W.
2. CANCEL THIS MSG 062228Z SEP 12.

(032228Z SEP 2012)

2526/12(74).

AUSTRALIA-NORTHEAST COAST.
CHART 74290
HORN ISLAND DGPS STATION 10-35.5S 142-16.5E INOPERATIVE.

(040122Z SEP 2012)

2527/12(22).

EASTERN SOUTH PACIFIC.
CHILE.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1300Z TO 2100Z DAILY
07 AND 08 SEP IN AREA BETWEEN
36-13.5S 36-30.0S AND 073-27.5W 073-07.0W.
2. CANCEL THIS MSG 082200Z SEP 12.

(040333Z SEP 2012)

2528/12. CANCELED.

2529/12(61,63).

INDIAN OCEAN.
BAY OF BENGAL.
ROCKETS.

1. HAZARDOUS OPERATIONS 0345Z TO 0600Z DAILY
09 THRU 11 SEP:
 - A. WITHIN TEN MILES OF 13-43.9N 080-14.2E.
 - B. WITHIN 125 MILES OF 13-43.9N 080-14.2E
BETWEEN 130 DEGREES AND 150 DEGREES.
 - C. IN AREA BOUND BY
09-20.0N 082-25.0E, 09-40.0N 083-25.0E,
08-40.0N 083-40.0E, 08-20.0N 082-40.0E.
 - D. IN AREA BOUND BY
00-50.0N 082-00.0E, 00-35.0N 083-35.0E,
03-25.0S 083-00.0E, 03-10.0S 081-25.0E.
 - E. IN AREA BOUND BY
28-00.0S 075-00.0E, 29-00.0S 079-00.0E,
33-00.0S 078-00.0E, 32-00.0S 074-00.0E.
2. CANCEL THIS MSG 110700Z SEP 12.

(040654Z SEP 2012)

2530/12(81).

NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 2300Z TO 0600Z
COMMENCING DAILY 03 THRU 06 SEP
IN AREA BOUND BY
13-10N 144-43E, 13-10N 144-30E,
12-45N 144-30E, 11-45N 143-00E,
11-00N 143-00E, 11-00N 144-45E.
2. CANCEL THIS MSG 070700Z SEP 12.

(040728Z SEP 2012)

2531/12 and 2532/12. CANCELED.

2533/12(62).

PERSIAN GULF.
KUWAIT.
CHART 62580

1. DANGEROUS WRECK MARKED BY BUOY, YELLOW,
FL 4 SEC, IN 28-59.80N 048-42.85E.
2. CANCEL HYDROPOC 2431/12.

(041437Z SEP 2012)

2534/12(93).

GULF OF TONKIN.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 06 AND 07 SEP
IN AREA BETWEEN
20-31N 20-37N AND 106-53E 106-59E.

2. CANCEL THIS MSG 08 SEP 12.

(041628Z SEP 2012)

SECTION III

2535/12. CANCELED.

2536/12(71).
EASTERN INDIAN OCEAN.

1. DERELICT TEN METER F/V ADRIFT VICINITY 10-53S 095-24E
AT 050500Z SEP.
2. CANCEL THIS MSG 080620Z SEP 12.

(050620Z SEP 2012)

2537/12 and 2538/12. CANCELED.

2539/12(83).
WESTERN SOUTH PACIFIC.
TONGA ISLANDS.

1. OCEANOGRAPHIC OPERATIONS 09 THRU 26 SEP BY
M/V ROGER REVELLE WITH SUBMERSIBLE ALONG
TRACKLINES BETWEEN:
A. 22-07S 176-40W AND 22-15S 176-32W.
B. 15-02S 174-50W AND 17-40S 173-40W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 27 SEP 12.

(050821Z SEP 2012)

2540/12 and 2541/12. CANCELED.

2542/12(74).

TIMOR SEA.
VESSEL ON FIRE AND ADRIFT IN 11-30.2S 123-54.7E
AT 051102Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(051636Z SEP 2012)

2543/12(22).

EASTERN SOUTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 03-40.3S 109-31.1W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(051645Z SEP 2012)

2544/12. CANCELED.

2545/12(GEN).

NORTHEASTERN INDIAN OCEAN.
F/V, GREEN HULL, 28 PERSONS ON BOARD, OVERDUE
SRI LANKA TO CHRISTMAS ISLAND (10-29S 105-38E).
LAST KNOWN POSITION VICINITY 03-55S 099-15E AT
240001Z SEP. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC AUSTRALIA, PHONE: 612 6230 6811,
FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(051801Z SEP 2012)

2546/12(94).

YELLOW SEA.
1. SALVAGE OPERATIONS IN PROGRESS UNTIL 31 OCT
WITHIN 1.5 MILES OF 37-38-27.0N 123-07-32.4E.
2. CANCEL THIS MSG 01 NOV 12.

(060437Z SEP 2012)

2547/12(61).

NORTHERN MOZAMBIQUE CHANNEL.
COMOROS ISLANDS.
SIX METER M/V, BLUE HULL, FOUR PERSONS ON BOARD,
OVERDUE VICINITY 12-00S 043-00E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC REUNION, INMARSAT-C: 422799193,
TELEX: 916140F, PHONE: 26 226 243 4343,
FAX: 26 226 271 1595, E-MAIL: REUNION@MRCCFR.EU.

(060757Z SEP 2012)

2548/12(76).

NEW ZEALAND-NORTHEAST COAST.
BAY OF PLENTY.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 110100Z TO 110200Z SEP
IN AREA BETWEEN
35-50S 36-20S AND 175-50E 176-25E.
2. CANCEL THIS MSG 110300Z SEP 12.

(060931Z SEP 2012)

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MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (<http://www.nga.mil/NGAPortal/MSI.portal>), by referring to Section I (paragraph 49) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W25-308, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 6 September 2012: 00-7, 05-1, 06-1, 07-1, 10-3, 10-6, 10-7, 11-3, 11-5, 11-7, 12-1 and 12-2.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Web site (<http://www.nga.mil/NGAPortal/MSI.portal>) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011.

SPECIAL WARNINGS in force 6 September 2012: 1, 29, 77, 81, 82, 89, 92, 107, 108, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124 and 125.

MARINE INFORMATION**NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA recognizes two paper nautical chart products:

- the Print-on-Demand (POD) chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Print-on-Demand (POD) chart distributed by East View Geospatial, Inc (www.geospatial.com/Default.aspx?tabid=120), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Print-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. Each should be updated from the dates shown in the lower left corner of the chart. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1968 x105. Dates of Latest Edition for charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below (These NOAA charts are now available in both the Print-on-Demand and digital raster formats. See <http://www.nauticalcharts.noaa.gov/mcd/doles.htm> for details.):

11366	15 th Ed. Aug 2012 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	GULF COAST - LOUISIANA - MISSISSIPPI - APPROACHES TO MISSISSIPPI RIVER		1:250,000
	(New edition due to numerous Notice to Mariner changes.)		
16016	22 nd Ed. Aug 2012 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	ALASKA - SOUTHEAST COAST - DIXON ENTRANCE TO CAPE ST. ELIAS		1:969,756
	(New edition due to numerous Notice to Mariner changes.)		

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA standard nautical hardcopy chart products are made available and distributed by three different authorized methods:

- 1) The mailing and shipping of charts to Department of Defense (DoD) customers and other authorized U.S. Government users by the Defense Logistics Agency (DLA)
- 2) The posting of selected new charts (as large .pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users
- 3) The print-on-demand access of all public release NGA charts by the National Ocean Service (NOS) and official NOS chart agents, on behalf of NGA

The posting of selected new NGA charts (as large .pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users is normally made the day after NGA clears the New Edition for release and the chart is sent to be printed in mass quantity for DLA stock. The traditional NGA printed paper chart is then usually available some six to eight weeks later from DLA and sent out on automatic distribution. For those charts set for public sale, they are available a week after NGA release from the National Ocean Service at <http://www.nauticalcharts.noaa.gov/staff/charts.htm>. Regardless of how the NGA chart is obtained by the customer (downloaded from NGA website, distributed from DLA, or obtained through NOS) each is official, should be put into service immediately, and meets all Federal chart carriage requirements immediately upon its release. Each should also be updated from the dates shown in the lower left corner of the chart through the US Notice to Mariners. For questions, contact NGA at mcdepod@nga.mil.

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available (as large .pdf print files) on the NGA websites for Department of Defense (DoD) customers and other authorized U.S. Government users. These NOAA chart files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard).

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The official NGA web sites for downloading selected NGA and NOAA charts are:

- NIPRNet: <https://www.geointel.nga.mil/products/dnc/epods/index.htm>
- SIPRNet: <http://www.geoint.nga.smil.mil/products/dnc1/epods/index.htm>

This week's new editions released by NGA are listed below. These NGA charts are now available for download as large .pdf print files at the above mentioned web sites.

38583	3 rd Ed. September 8, 2012 NEW EDITION KOBBERMINEBUGT (Correct through NM 36/12).	WGS-84	(NGA Springfield, VA) 1:40,000 Limited Distribution
53290	2 nd Ed. September 1, 2012 NEW EDITION PORTO CONTE AND RADA DI ALGHERO (Correct through NM 35/12).	WGS-84	(NGA Springfield, VA) 1:30,000 Limited Distribution

NEW EDITION OF LIST OF LIGHTS

Pub. 115, 2012 Edition, List of Lights, Radio Aids and Fog Signals for Norway, Iceland and Arctic Ocean, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 21 July 2012, including Notice to Mariners No. 29 of 2012.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 37 of 2012, are contained in Section II of this Notice.

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

Since the mid-1990's, the National Geospatial-Intelligence Agency (NGA) has been working to improve digital navigation product support for the US Navy and other US Government users. The US Navy is transitioning to digital navigation, thus reducing the need for NGA to continue production of hardcopy charts. Therefore, NGA has begun a gradual transition from hardcopy chart production to a digital data maintenance environment. This notice is to advise mariners, chart agents, and other users of this strategy.

During the gradual transition from hardcopy charts to digital charts, NGA will continue to make certain hardcopy charts available only to US Government-approved entities, in accordance with US law or international agreement. These particular charts will be identified as "bilateral charts," since they are the product of international bilateral agreements and are duplicates of foreign copyright charts. Each bilateral chart will carry an NGA chart number, a National Stock Number (NSN), a bar code, and will show the number of any existing NGA chart that it replaces only when the chart is a one-for-one replacement. For those charts that are not a one-for-one replacement, no canceled chart number will appear. In the case where more than one new chart is being introduced to replace a single NGA chart, the existing chart will not be canceled until all new replacement charts have been announced in the Notice to Mariners.

Bilateral charts are the result of NGA international agreements and are duplicates of foreign copyrighted charts. The charts are printed in English, use metric units, refer to WGS-84 datum and are marked as "Distribution Limited." However, certain bilateral charts have not yet been converted to WGS-84 datum, and are of sufficiently large scale (generally larger than 1:50,000) where the difference from WGS-84 datum is noticeable. These exception charts are printed with datum shift values, which must be applied in order to plot GPS-derived positions correctly. The exception charts are scheduled for eventual conversion to WGS-84 datum; until this occurs, their chart numbers will appear bold-faced in the announcement list below.

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

As the US Navy completes its transition to digital navigation, the use of bilateral charts will be gradually phased out. Until then, Section II of the Notice to Mariners, NGA/DLIS Catalog Corrections, will contain information about specific bilateral

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charts being announced as well as cancellation of any existing charts that they replace. Update information for bilateral charts will appear in Section I of the Notice to Mariners, Chart Corrections. Standard chart policy remains intact, in that NGA charts are not to be placed in service until their announcement appears in the US Notice to Mariners.

NGA has begun adopting bilateral charts in waters of Australia, Canada, Japan, and the UK, with additional countries to follow. What this further means is that NGA no longer provides certain hardcopy charts (i.e., those replaced by bilateral charts) for public sale. To obtain these hardcopy charts, civilian users will be required to purchase bilateral chart equivalents from their producer nations and their agents. Contact information for purchasing Australian, Canadian, Japanese, and UK charts is listed below:

Australian Hydrographic Service Web site: <http://www.hydro.gov.au>

Australian Distribution Network: <http://www.hydro.gov.au/prodserv/distributors/distributors.htm>

Canadian Hydrographic Service Web site: <http://notmar.com/charts/index.php>

Canadian Sales Agents: <http://www.chs-shc.dfo-mpo.gc.ca/chs/en/Dealers/locate.htm>

Japan Coast Guard and List of Agents Web sites: <http://www1.kaiho.mlit.go.jp/jhd-E.html>

UK Hydrographic Office Web site: <http://www.ukho.gov.uk>

UK Sales Agents: http://www.ukho.gov.uk/list_of_agents.html

NGA issues this notice weekly. It will also appear in the “What’s New @ Maritime” section of the Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>); however, the following list of announced bilateral charts will only appear in the Notice to Mariners.

NGA bilateral Australian, Canadian, Japanese, and UK charts announced to date:

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	

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14068	14XHA14032	Can. 4209	47/05	
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	15ACO15007	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	17ACO17007	Can. 3002	40/08	
17412	17XHA17410	Can. 3890	40/08	

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17413	17ACO17411	Can. 3802	42/08	
17414	17BCO17415	Can. 3854	42/08	
17416	17BCO17417	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	17XHA17451	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
17486	17XCO17458	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	17XCO17510	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/06
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	31/12
35022	35ACO35017	UK 1128	16/08	21/12
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK 1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	52/08
35082	35BHA35037	UK 735	31/04	2/12

35084	35BHA35045	UK 1481	32/04	12/06
35086	35BHA35048	UK 736	32/04	4/09
35088	35BHA35050	UK 190	28/04	12/06
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	5/12
35130	35ACO35056	UK 1942	12/06	
35135	35ACO35057	UK 2249	27/07	39/10
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	39/10
35170	35ACO35072	UK 3282	30/07	30/12
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08
35230	35ACO35078	UK 1794	24/07	10/08
35236	35AHA35079	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	12/10
35239	35AHA35090	UK 2210	28/07	
35243	35BHA35091	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	35BHA35094	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	7/08
35255	35AHA35096	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
35265	35ACO35106	UK 1778	27/07	33/09
35270	35AHA35109	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	33/09
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	
35307	35ACO35126	UK 2199	5/06	
35308	35ACO35127	UK 2198	25/06	
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	

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35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	33/09
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	36BHA36007	UK 1468	20/07	
36062	36BHA36008	UK 1415	4/06	
36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	24/12
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	38/11
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	2/12
36127	36BHA36030	UK 3746	32/06	13/12
36128	36BHA36030	UK 3746	32/06	13/12
36137	36AHA36032	UK 1478	39/04	
36138	36AHA36033	UK 3275	39/04	29/12
36139	36BHA36034	UK 3274	39/04	33/09
36140	36ACO36035	UK 1178	39/04	33/09
36141	36BHA36036	UK 2878	41/04	9/05
36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	26/12
36163	36BHA36042	UK 1176	1/05	
36165	36BHA36044	UK 1165	17/05	52/06
36180	36ACO36049	UK 2565	27/05	33/09
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	20/07
37046	37AHA37007	UK 1613	34/05	18/06
37047	37XHA37008	UK 1902	25/05	5/12
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	39/10
37081	37AHA37017	UK 2045	32/05	4/06
37083	37AHA37019	UK 2037	25/05	39/10
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	18/11
37119	37AHA37027	UK 1698	8/06	3/12
37122	37AHA37028	UK 1828	19/05	29/11
37141	37AHA37040	UK 1607	9/05	22/09
37145	37AHA37051	UK 1185	37/04	52/08
37147	37BHA37052	UK 1975	36/04	5/12
37150	37ACO37055	UK 1504	37/04	17/05
37170	37ACO37057	UK 1503	38/04	8/08
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	18/11
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	26/10

SECTION III

74071	74BHA74072	Aus. 615	35/07
74071	74BHA74073	Aus. 616	35/07
74071	74BHA74074	Aus. 617	35/07
74141	74XHA74142	Aus. 618	35/07
74141	74XHA74143	Aus. 610	35/07
74151	74AHA74154	Aus. 809	12/07
74152	74BHA74150	Aus. 208	8/07
74153	74BHA74155	Aus. 207	8/07
74162	74BCO74163	Aus. 811	13/07
74162	74BCO74164	Aus. 810	13/07
74183	74AHA74180	Aus. 237	9/07
74186	74AHA74189	Aus. 238	47/05
74192	74BHA74213	Aus. 818	9/07
74201	74BHA74199	Aus. 246	8/07
74202	74BHA74208	Aus. 247	13/07
74204	74BHA74209	Aus. 819	14/07
74205	74BHA74244	Aus. 245	45/10
74206	74AHA74212	Aus. 244	15/07
74210	74BCO74245	Aus. 820	13/07
74221	74BCO74227	Aus. 821	11/07
74229	74BHA74226	Aus. 250	13/07
74229	74BCO74246	Aus. 824	16/08
74229	74BCO74247	Aus. 249	16/08
74231	74BHA74226	Aus. 250	13/07
74232	74BHA74216	Aus. 256	10/07
74234	74BHA74237	Aus. 257	11/07
74252	74BHA74258	Aus. 263	41/10
74253	74BCO74262	Aus. 830	13/07
74271	74BCO74275	Aus. 833	18/07
74271	74BCO74277	Aus. 280	35/07
74272	74BHA74267	Aus. 834	13/07
74287	74BHA74279	Aus. 289	52/06
74293	74ACO74311	Aus. 839	12/06
74294	74BCO74300	Aus. 292	47/05
74294	74ACO74311	Aus. 839	12/06
74310	74BCO74395	Aus. 302	18/07
74320	74BCO74313	Aus. 303	18/07
74330	74BCO74387	Aus. 304	52/06
74340	74BCO74384	Aus. 305	35/07
74350	74BCO74383	Aus. 306	35/07
74376	74BCO74377	Aus. 715	35/07
74391	74BHA74390	Aus. 720	35/07
74391	74BHA74396	Aus. 721	35/07
74393	74BHA74397	Aus. 26	47/06
74394	74BHA74397	Aus. 26	47/06
74415	74ACO74416	Aus. 726	35/07
74430	74ACO74431	Aus. 315	22/08
74450	74ACO74451	Aus. 319	34/07
74517	74ACO74031	Aus. 743	12/06
74521	75AHA75147	Aus. 744	19/06
74555	74ACO74593	Aus. 334	34/07
74581	74AHA74585	Aus. 112	18/07
75010	75ACO75111	Aus. 341	36/07
75010	75ACO75114	Aus. 342	36/07
75110	75ACO75111	Aus. 341	36/07
75120	75ACO75114	Aus. 342	36/07
75132	75BHA75137	Aus. 137	19/06

SECTION III

NM 37/12

75170	75ACO75166	Aus. 788	14/06
75170	75ACO75167	Aus. 789	14/06
75170	75ACO75168	Aus. 790	17/06
75171	75AHA75164	Aus. 144	44/10
75171	75AHA75165	Aus. 143	21/06
75171	75AHA75174	Aus. 158	18/06
75173	75AHA75174	Aus. 158	18/06
75175	75AHA75178	Aus. 154	18/06
75261	75AHA75274	Aus. 808	11/07
75264	75AHA75269	Aus. 201	12/07
75264	75AHA75267	Aus. 202	48/06
75265	75AHA75266	Aus. 197	17/07
95261	95BCO95263	Jpn. W145	9/12
95264	95BHA95266	Jpn. W1155A	5/12
95273	95BHA95279	Jpn. W1197	5/12
95276	95BHA95284	Jpn. W1193	46/10
95282	95BHA95288	Jpn. W1167	10/11
95285	95BHA95289	Jpn. W1166	29/12
96942	96BHA96931	Jpn. W5	21/11
96961	96BHA96951	Jpn. W1033A	46/10
97041	97BHA97044	Jpn. W65	21/11
97042	97XHA97045	Jpn. W71	46/11
97043	97XHA97046	Jpn. W1091	45/11
97060	97ACO97050	Jpn. W54	46/11
97082	97BHA97084	W64A	9/12
97083	97BHA97085	W64B	9/12
97143	97AHA97133	Jpn. W1062	11/11
97144	97AHA97134	Jpn. W1081	9/11
97146	97AHA97135	Jpn. W1083	46/10
97148	97XHA97136	Jpn. W1085	18/11
97149	97AHA97137	Jpn. W66	46/10
97150	97XHA97139	Jpn. W67	46/10
97151	97AHA97168	Jpn. W1061	21/11
97154	97BHA97171	Jpn. W1042	52/11
97155	97AHA97172	Jpn. W1065	21/11
97156	97BHA97173	Jpn. W92	49/11
97182	97BHA97090	Jpn. W1053	21/12
97184	97BHA97030	Jpn. W1055A	49/11
97185	97BHA97031	Jpn. W1057B	49/11
97189	97BHA97034	Jpn. W1055B	49/11
97204	97AHA97191	Jpn. W131	11/11
97220	97AHA97197	Jpn. W1103	29/12
97221	97AHA97198	Jpn. W106	11/11
97225	97AHA97210	Jpn. W150A	46/11
97226	97XHA97211	Jpn. W1110	3/12
97229	97AHA97214	Jpn. W101A	29/12
97230	97AHA97215	Jpn. W101B	20/12
97233	97BHA97252	Jpn. W153	12/11
97234	97BHA97253	Jpn. W137A	45/11
97236	97BHA97255	Jpn. W137B	46/11
97237	97BHA97256	Jpn. W1121	6/12
97241	97BHA97259	Jpn. W1124	21/11
97261	97BHA97293	Jpn. W141	12/11
97262	97BHA97294	Jpn. W104	12/11
97263	97BHA97295	Jpn. W132	9/11
97263	97BHA97965	Jpn. W1361	45/11
97272	97BHA97306	Jpn. W126	46/11

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97274	97AHA97308	Jpn. W127	9/11	
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	14/12
97286	97AHA97321	Jpn. W1263	11/11	13/12
97287	97AHA97322	Jpn. W1264	11/11	
97303	97BHA97324	Jpn. W110	6/12	
97383	97BHA97337	Jpn. W206	3/12	
97410	97XHA97358	Jpn. W166	6/12	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97563	97AHA97568	Jpn. W50	4/12	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 43 (Worldwide Navigational Warning Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

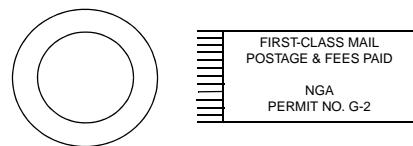
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary) _____

User Feedback (continue on additional sheets as necessary) _____



**MARITIME SAFETY OFFICE
MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
SPRINGFIELD, VA 22150-7500**



HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Is hazard remotely monitored? Yes _____ No _____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

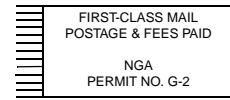
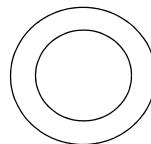
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

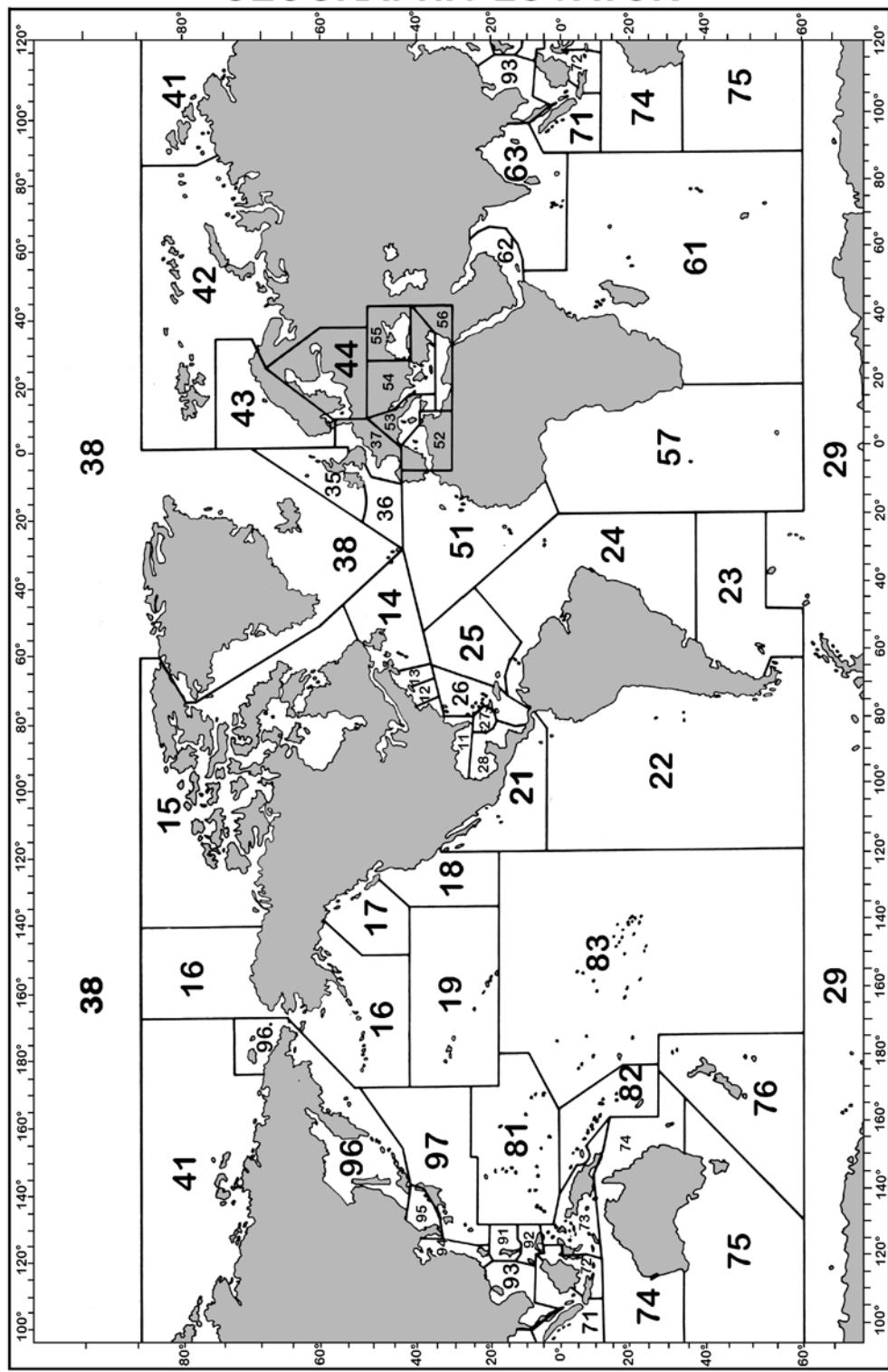
Details of Information Reported (continue on additional sheets as necessary): _____



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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

**IMPORTANT
NAVIGATIONAL INFORMATION
TIME—DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY